

NASIS 7.1.4

Domains

Domain Name: aashto_group_classification

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	a-1	A-1	<i>Granular materials (35% or less passing No. 200 sieve), silty or clayey gravel and sand.</i>
2	No	2	a-1-a	A-1-a	
3	No	3	a-1-b	A-1-b	
4	No	4	a-2	A-2	<i>Granular materials (35% or less passing No. 200), silty or clayey gravel and sand.</i>
5	No	5	a-2-4	A-2-4	
6	No	6	a-2-5	A-2-5	
7	No	7	a-2-6	A-2-6	
8	No	8	a-2-7	A-2-7	
9	No	9	a-3	A-3	
10	No	10	a-4	A-4	<i>Silt-Clay materials (more than 35% passing NO. 200), silty soils.</i>
11	No	11	a-5	A-5	<i>Silt-Clay Materials (more than 35% passing No. 200), clayey soils.</i>
12	No	12	a-6	A-6	<i>Silt-Clay materials (more than 35% passing No. 200) clayey soils.</i>
13	No	13	a-7	A-7	<i>Silt-Clay materials (more than 35% passing No. 200), clayey soils.</i>
14	No	14	a-7-5	A-7-5	
15	No	15	a-7-6	A-7-6	
16	No	16	a-8	A-8	

Domain Name: abundance_class

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	none	None	<i>None present.</i>
2	No	2	sparsely abundant	Sparsely abundant	<i>Sparsely abundant (Trace - 9%)</i>
3	No	3	moderately abundant	Moderately abundant	<i>Moderately abundant (10% - 19%)</i>
4	No	4	abundant	Abundant	<i>Abundant (20% - 29%)</i>
5	No	5	very abundant	Very abundant	<i>Very abundant (30%+)</i>

Domain Name: addtnl_mu_dmu_select_criteria

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	select correlated to mapunit rep dmu	Select correlated to mapunit representative data mapunit	
2	No	2	select additional mapunit rep dmu	Select additional mapunit representative data mapunit	

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Domain Name: agronomic_feature

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	13	alleyway with cover	alleyway with cover	<i>Alleyway with reseeded annual or perennial cover and subject to traffic.</i>
2	No	11	alleyway, sprayed	alleyway, sprayed	<i>Alleyway with weed vegetation controlled by chemicals and subject to traffic.</i>
3	No	12	alleyway, tilled	alleyway, tilled	<i>Alleyway with weed vegetation controlled by tillage and subject to traffic.</i>
4	No	1	close grown annual crop, or crop-fallow	close grown annual crop, or crop-fallow	<i>Close grown (drilled or broadcast) crops with less than 15 inch row spacing flat planted.</i>
5	No	5	crop row on bed or ridge	crop row on bed or ridge	<i>Bedded or ridge planted crop rows.</i>
6	No	2	crop row, flat planted	crop row, flat planted	<i>Row Crop row area on greater than 15 inch row spacing flat planted.</i>
7	No	6	furrow between bed, no wheel track	furrow between bed, no wheel track	<i>Untrafficed furrow area.</i>
8	No	7	furrow between bed, wheel track	furrow between bed, wheel track	<i>Furrow area subject to wheel traffic.</i>
9	No	3	inter-row, flat planted, no wheel track	inter-row, flat planted, no wheel track	<i>Unplanted row middle, no wheel traffic flat planted.</i>
10	No	4	inter-row, flat planted, wheel track	inter-row, flat planted, wheel track	<i>Unplanted row middle, subject to wheel traffic, flat planted.</i>
11	No	10	tree or vine row with cover	tree or vine row with cover	<i>Area under orchard or vineyard row with cover not tilled.</i>
12	No	8	tree or vine row, sprayed	tree or vine row, sprayed	<i>Sprayed area under orchard or vineyard row (not tilled).</i>
13	No	9	tree or vine row, tilled	tree or vine row, tilled	<i>Tilled area under orchard or vineyard row.</i>

Domain Name: Alignment (NASIS 6 metadata)

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	left justified	Left Justified	
2	No	2	center justified	Center Justified	
3	No	3	right justified	Right Justified	

Domain Name: alkaline_saline_indicator

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	neither	Neither	
2	No	2	alkaline	Alkaline	
3	No	3	saline	Saline	

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Domain Name: animal_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	antelope	Antelope	
2	No	2	deer	Deer	
3	No	3	bison	Bison	
4	No	4	cattle	Cattle	
5	No	5	elk	Elk	
6	No	6	goats	Goats	
7	No	7	horses and mules	Horses and mules	
8	No	8	sheep	Sheep	
9	No	9	other	Other	
10	No	10	unknown	Unknown	

Domain Name: area_text_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	6	edit notes	Edit notes	<i>Text entries that describe what changes were made to the data and why those changes were made.</i>
2	No	4	miscellaneous notes	Miscellaneous notes	<i>Text entries not related to any of the other choices.</i>
3	Yes	5	certification notes	Certification notes	<i>Indicates records that contain notes related to certification of data objects. Typically, data elements certified in the object are listed in the text attached to this record.</i>
4	Yes	3	correlation notes	Correlation notes	
5	Yes	1	nontechnical description	Nontechnical description	
6	Yes	2	s5 description	SOI5 description	

Domain Name: assessment_method

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	estimated	Estimated	<i>Estimated without actual field measurements.</i>
2	No	2	measured	Measured	<i>Actual field measurements were used.</i>

Domain Name: atterberg_sample_condition

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	air dry	Air dry	
2	No	2	field moist	Field moist	

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Domain Name: basal_area_factor

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	5	5	
2	No	2	10	10	
3	No	3	20	20	
4	No	4	30	30	
5	No	5	40	40	

Domain Name: bedrock_fracture_interval_class

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	<10	< 10 cm between fractures	< 10 cm between fractures.
2	No	2	10 to <45	10 to < 45 cm between fractures	10 to <45 cm between fractures.
3	No	3	45 to <100	45 to < 100 cm between fractures	45 to <100 cm between fractures.
4	No	4	100 to <200	100 to < 200 cm between fractures	100 to <200 cm between fractures.
5	No	5	=>200	=> 200 cm between fractures	>= 200 cm between fractures.

Domain Name: bedrock_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	65	aa lava	Aa lava	A type of basaltic lava (material) having a rough, jagged, clinkery surface and a vesicular interior. Compare - block lava, pahoehoe lava, pillow lava.
2	Yes	17	acidic-ash	Acidic-ash	
3	No	102	amphibolite	Amphibolite	
4	No	36	andesite	Andesite	
5	Yes	20	andesitic-ash	Andesitic-ash	
6	No	149	anhydrite, rock	Rock anhydrite	
7	No	121	anorthosite	Anorthosite	A sedimentary rock (evaporite) composed chiefly of mineral anhydrite (anhydrous CaSO ₄); The rock is generally massive, cryptocrystalline, and may exhibit rhythmic sedimentation (rhymites). Compare - rock gypsum, rock halite. SW
8	No	108	arenite	Arenite	
9	No	119	argillite	Argillite	
10	No	3	arkose	Arkose	
11	No	35	basalt	Basalt	
12	Yes	19	basaltic-ash	Basaltic-ash	

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Domain Name: bedrock_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
13	Yes	18	basic-ash	Basic-ash	
14	No	147	bauxite	Bauxite	<i>An off-white to dark red brown weathered detritus or rock composed of aluminum oxides (mainly gibbsite with some boehmite and diasporite), iron hydroxides, silica, silt, and especially clay minerals. Bauxite originates in tropical and subtropical environments as highly weathered residue from carbonate or silicate rocks and can occur in concretionary, earthy, pisolitic or oolitic forms. SW & GG</i>
15	No	134	block lava	Block lava	<i>Lava having a surface of angular blocks; it is similar to a'a lava but the fragments are larger and more regular in shape, somewhat smoother, and less vesicular. Compare - 'a'a lava, pahoehoe lava, pillow lava.</i>
16	No	115	breccia, non-volcanic	Non-volcanic breccia	
17	No	122	breccia, non-volcanic, acidic	Acidic Non-volcanic breccia	
18	No	123	breccia, non-volcanic, basic	Basic Non-volcanic breccia	
19	No	40	chalk	Chalk	
20	No	111	chert	Chert	<i>A hard, extremely dense or compact, dull to semivitreous, cryptocrystalline sedimentary rock, consisting dominantly of interlocking crystals of quartz less than about 30 mm in diameter; it may contain amorphous silica (opal). It sometimes contains impurities such as calcite, iron oxide, or the remains of silicious and other organisms. It has a tough, splintery to conchoidal fracture and may be white or variously colored gray, green, blue, pink, red, yellow, brown, and black. Chert occurs principally as nodular or concretionary segregations in limestones and dolomites.</i>
21	Yes	21	cinders	Cinders	<i>Uncemented vitric, vesicular, pyroclastic material, more than 2.0 mm in at least one dimension, with an apparent specific gravity (including vesicles) of more than 1.0 and less than 2.0. Compare - ash [volcanic], block [volcanic], lapilli, tephra. KST</i>
22	No	109	claystone	Claystone	
23	No	87	coal	Coal	
24	No	15	conglomerate, calcareous	Calcareous conglomerate	<i>A coarse-grained, clastic sedimentary rock composed of rounded to subangular rock fragments larger than 2 mm, commonly with a matrix of sand and finer material; cements include silica, calcium carbonate, and iron oxides. The consolidated equivalent of gravel.</i>
25	Yes	14	conglomerate, noncalcareous	Noncalcareous conglomerate	<i>A coarse-grained, clastic sedimentary rock composed of rounded to subangular rock fragments larger than 2 mm, commonly with a matrix of sand and finer material; cements include silica, calcium carbonate, and iron oxides. The consolidated equivalent of gravel.</i>
26	No	13	conglomerate, unspecified	Conglomerate	
27	No	92	dacite	Dacite	
28	No	95	diabase	Diabase	
29	No	157	diatomite	Diatomite	<i>A light-colored, soft, siliceous sedimentary rock consisting chiefly of opaline diatom frustules deposited in a lacustrine or marine environment. Diatomite has a number of uses owing to its high surface area, absorptive capacity, and relative chemical stability but the term is generally reserved for deposits of actual or potential commercial value.</i>
30	No	80	diorite	Diorite	
31	No	42	dolomite (dolostone)	Dolomite	<i>A carbonate sedimentary rock consisting chiefly (more than 50 percent by weight or by areal percentages under the microscope) of the mineral dolomite.</i>

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Domain Name: bedrock_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
32	Yes	16	ejecta-ash	Ejecta-ash	<i>Unconsolidated, pyroclastic material less than 2 mm in all dimensions. Commonly called "volcanic ash". Compare - block [volcanic], cinders, lapilli, tephra.</i>
33	No	124	fanglomerate	Fanglomerate	
34	No	81	gabbro	Gabbro	
35	Yes	69	glauconite	Glauconite	
36	No	48	gneiss	Gneiss	
37	No	138	gneiss, biotite	Biotite gneiss	
38	No	139	gneiss, granodioritic	Granodioritic gneiss	
39	No	140	gneiss, hornblende	Hornblende gneiss	
40	No	142	gneiss, migmatitic	Migmatitic gneiss	
41	No	143	gneiss, muscovite-biotite	Muscovite-biotite gneiss	
42	Yes	49	gneiss-acidic	Gneiss-acidic	
43	Yes	50	gneiss-basic	Gneiss-basic	
44	No	33	granite	Granite	
45	No	146	granitoid	Granitoid	<i>a) In the IUGS classification, a preliminary term for (for field use) for a plutonic rock with Q (quartz) between 20 and 40 (%). b) A general term for all phaneritic igneous rocks (mineral crystals visible unaided and all about the same size) dominated by quartz and feldspars.</i>
46	No	96	granodiorite	Granodiorite	
47	No	103	granofels	Granofels	
48	No	116	granulite	Granulite	
49	No	88	graywacke	Graywacke	
50	No	104	greenstone	Greenstone	
51	No	89	gypsum, rock	Rock gypsum	<i>A sedimentary rock (evaporite) composed primarily of mineral gypsum (CaSO₄.2H₂O). The rock is generally massive, ranges from coarse crystalline to fine granular, may show disturbed bedding due to hydration expansion of parent anhydrite (anhydrous CaSO₄), and may exhibit rhythmic sedimentation (rhymites). Compare - gypsite. GG</i>
52	No	150	halite, rock	Rock halite	<i>A sedimentary rock (evaporite) composed primarily of halite (NaCl). SW</i>
53	No	84	hornfels	Hornfels	
54	Yes	37	igneous, acid	Acid igneous rock	
55	Yes	31	igneous, basic	Basic igneous rock	
56	Yes	30	igneous, coarse crystal	Coarse igneous crystal	
57	Yes	34	igneous, fine crystal	Fine igneous crystal	
58	Yes	32	igneous, intermediate	Intermediate igneous rock	
59	Yes	38	igneous, ultrabasic	Ultrabasic igneous rock	
60	No	29	igneous, unspecified	Igneous rock	<i>Rock formed by cooling and solidification from magma, and that has not been changed appreciably by weathering since its formation; major varieties include plutonic and volcanic rocks. Examples: andesite, basalt, granite. Compare - intrusive, extrusive, metamorphic rock, sedimentary.</i>

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Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
61	No	114	ignimbrite	Ignimbrite	
62	Yes	5	interbedded sedimentary	Interbedded sedimentary rock	
63	No	93	latite	Latite	
64	No	7	limestone and sandstone	Limestone and sandstone	
65	No	8	limestone and shale	Limestone and shale	
66	No	9	limestone and siltstone	Limestone and siltstone	
67	No	44	limestone, arenaceous	Arenaceous limestone	
68	No	45	limestone, argillaceous	Argillaceous limestone	
69	No	46	limestone, cherty	Cherty limestone	
70	No	148	limestone, coral	Coral limestone	<i>An informal term for massive limestone composed primarily of coral and coral fragments commonly associated with marine islands or coral reefs in tropical or subtropical waters. Compare - coral island. SW</i>
71	No	43	limestone, phosphatic	Phosphatic limestone	
72	No	6	limestone, sandstone, and shale	Limestone, sandstone, and shale	
73	No	39	limestone, unspecified	Limestone	<i>A sedimentary rock consisting chiefly (more than 50 percent) of calcium carbonate, primarily in the form of calcite. Limestones are usually formed by a combination of organic and inorganic processes and include chemical and clastic (soluble and insoluble) constituents; many contain fossils.</i>
74	No	155	limonite	Limonite	<i>A general 'field' term for various brown to yellowish brown, amorphous- to- cryptocrystalline hydrous ferric oxides that are an undetermined mixture of goethite, hematite, and lepidocrocite formed by weathering and iron oxidation from iron-bearing, rocks and minerals. SW & GG</i>
75	No	41	marble	Marble	
76	Yes	68	marl	Marl	<i>An earthy, unconsolidated deposit consisting chiefly of calcium carbonate mixed with clay in approximately equal proportions (35 to 65 percent of each); formed primarily under freshwater lacustrine conditions, but varieties associated with more saline environments also occur.</i>
77	No	85	metaconglomerate	Metaconglomerate	
78	Yes	47	metamorphic, unspecified	Metamorphic rock	<i>- Rock of any origin altered in mineralogical composition, chemical composition, or structure by heat, pressure, and movement at depth in the earth's crust. Nearly all such rocks are crystalline. Examples: schist, gneiss, quartzite, slate, marble.</i>
79	No	105	metaquartzite	Metaquartzite	
80	No	125	metasedimentary rock, unspecified	Metasedimentary rock	
81	No	141	metasiltstone	Metasiltstone	
82	No	106	metavolcanics	Metavolcanics	
83	No	117	migmatite	Migmatite	
84	Yes	73	mixed	Mixed	
85	Yes	75	mixed-calcareous	Mixed calcareous	

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Domain Name: bedrock_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
86	Yes	77	mixed-igneous and metamorphic	Mixed igneous and metamorphic	
87	Yes	78	mixed-igneous and sedimentary	Mixed igneous and sedimentary	
88	Yes	76	mixed-igneous-metamorphic and sedimentary	Mixed igneous, metamorphic and sedimentary	
89	Yes	79	mixed-metamorphic and sedimentary	Mixed metamorphic and sedimentary	
90	Yes	74	mixed-noncalcareous	Mixed noncalcareous	
91	No	97	monzonite	Monzonite	
92	No	110	mudstone	Mudstone	<i>a) a blocky or massive, fine-grained sedimentary rock in which the proportions of clay and silt are approximately equal b) A general term that includes clay, silt, claystone, siltstone, shale, and argillite, and that should be used only when the amounts of clay and silt are not known or cannot be precisely identified.</i>
93	No	107	mylonite	Mylonite	
94	No	151	novaculite	Novaculite	<i>A dense, extremely finely grained, even-textured, siliceous, sedimentary rock similar to chert. It is hard, white to grayish-black in color, translucent on thin edges, has a dull to waxy luster, and displays smooth conchoidal fracture when broken.</i> <i>Novaculite principally occurs in the Marathon Uplift of Texas and Ouachita Mountains of Arkansas and Oklahoma where it forms erosion resistant ridges. Novaculite appears to form from chert recrystallization with microcrystalline quartz dominant over cryptocrystalline chalcedony. At the Ouachita Mountains type occurrence, novaculite formed by low-grade, thermal metamorphism of bedded chert. Novaculite is commercially quarried as a whetstone or oilstone. Compare - chert. GG & SW</i>
95	No	82	obsidian	Obsidian	
96	No	120	orthoquartzite	Orthoquartzite	
97	No	66	pahoehoe lava	Pahoehoe lava	<i>A type of basaltic lava (material) with a characteristically smooth, billowy or rope-like surface and vesicular interior. Compare - `a`a lava, block lava, pillow lava.</i>
98	No	98	peridotite	Peridotite	
99	No	86	phyllite	Phyllite	
100	No	135	pillow lava	Pillow lava	<i>A general term for lava displaying pillow structure (discontinuous, close-fitting, bun-shaped or ellipsoidal masses, generally < 1 m in diameter); considered to have formed in a subaqueous environment; such lava is usually basaltic or andesitic. Compare - `a`a lava, block lava, pahoehoe lava.</i>
101	No	91	porcellanite	Porcellanite	<i>An indurated or baked clay or shale with a dull, light-colored, cherty appearance, often found in the roof or floor of a burned-out coal seam.</i>
102	No	22	pumice	Pumice	<i>A light-colored, vesicular, glassy rock commonly having the composition of rhyolite. It commonly has a specific gravity of < 1.0 and is thereby sufficiently buoyant to float on water. Compare - scoria, tephra.</i>
103	No	57	pyroclastic (consolidated)	Pyroclastic rock	

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Domain Name: bedrock_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
104	No	99	pyroxenite	Pyroxenite	
105	No	127	quartz-diorite	Quartz-diorite	
106	No	56	quartzite	Quartzite	
107	No	128	quartz-monzonite	Quartz-monzonite	
108	No	83	rhyolite	Rhyolite	
109	No	10	sandstone and shale	Sandstone and shale	
110	No	11	sandstone and siltstone	Sandstone and siltstone	
111	No	4	sandstone, calcareous	Calcareous sandstone	
112	No	136	sandstone, glauconitic	Glauconitic sandstone	
113	Yes	2	sandstone, noncalcareous	Noncalcareous sandstone	
114	No	1	sandstone, unspecified	Sandstone	<i>Sedimentary rock containing dominantly sand-size clastic particles.</i>
115	No	133	sandstone, volcanic	Volcanic sandstone	
116	Yes	53	schist, acidic	Acidic schist	
117	Yes	54	schist, basic	Basic schist	
118	No	153	schist, biotite	Biotite schist	<i>A strongly foliated crystalline rock formed by dynamic metamorphism that has well-developed parallelism of more than 50 percent of the minerals present, primarily biotite.</i>
119	No	144	schist, graphitic	Graphitic schist	
120	No	126	schist, mica	Mica schist	
121	No	154	schist, muscovite	Muscovite schist	<i>A strongly foliated crystalline rock formed by dynamic metamorphism that has well-developed parallelism of more than 50 percent of the minerals present, primarily muscovite.</i>
122	No	156	schist, sericite	Sericite schist	<i>A strongly foliated crystalline rock formed by dynamic metamorphism that has well-developed parallelism of more than 50 percent of the minerals present, primarily sericite. A fine-grained muscovite</i>
123	No	52	schist, unspecified	Schist	
124	No	23	scoria	Scoria	<i>Vesicular, cindery crust or bomb-sized fragments of such material on the surface of andesitic or basaltic lava, the vesicular nature of which is due to the escape of volcanic gases before solidification; it is usually heavier, darker, and more crystalline than pumice. Synonym - cinder. Compare - pumice, tephra.</i>
125	Yes	67	sedimentary, unspecified	Sedimentary rock	<i>A consolidated deposit of clastic particles, chemical precipitates, and organic remains accumulated at or near the surface of the earth under "normal" low temperature and pressure conditions. Sedimentary rocks include consolidated equivalents of alluvium, colluvium, drift, and eolian, lacustrine, marine deposits; e.g., sandstone, siltstone, mudstone, clay-stone, shale, conglomerate, limestone, dolomite, coal, etc. Compare - sediment.</i>
126	No	51	serpentinite	Serpentinite	
127	No	12	shale and siltstone	Shale and siltstone	
128	No	90	shale, acid	Acid shale	
129	No	27	shale, calcareous	Calcareous shale	
130	No	28	shale, clayey	Clayey shale	

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Domain Name: bedrock_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
131	Yes	26	shale, noncalcareous	Noncalcareous shale	<p><i>Sedimentary rock formed by induration of a clay, silty clay, or silty clay loam deposit and having the tendency to split into thin layers, i.e., fissility.</i></p> <p><i>A compact, weakly metamorphosed rock formed by alteration of siltstone, mudstone, or silty shale. Siltite is more indurated than mudstone or shale and lacks either shale fissility or slate-like cleavage. Siltite differs from argillite in that silt-size grains (0.002 to 0.062 mm) rather than clay-size (<0.002 mm) dominate the matrix. Siltite differs from siltstone, mudstone, or shale in that it exhibits very low to low grade metamorphic or diagenetic layer silicate and feldspar alteration to sericite, chlorite, and albite (subgreenschist to greenschist metamorphic facies) (Maxwell, 1973; Kidder, 1987).</i></p>
132	No	25	shale, unspecified	Shale	
133	No	152	siltite	Siltite	
134	No	72	siltstone, calcareous	Calcareous siltstone	<p><i>Sedimentary rock containing dominantly silt-size clastic particles.</i></p>
135	Yes	71	siltstone, noncalcareous	Noncalcareous siltstone	
136	No	70	siltstone, unspecified	Siltstone	
137	No	55	slate	Slate	<p><i>A light-colored, porous, friable, siliceous (largely chalcedonic) sedimentary rock, which occurs in powdery or earthy masses that result from the weathering of siliceous limestone. It has a harsh, rough feel and is used to polish metals and stones.</i></p>
138	No	145	slate, sulfidic	Sulfidic slate	
139	No	118	soapstone	Soapstone	
140	No	100	syenite	Syenite	
141	No	101	syenodiorite	Syenodiorite	
142	No	129	tachylite	Tachylite	
143	No	130	tonalite	Tonalite	
144	No	94	trachyte	Trachyte	
145	No	112	travertine	Travertine	
146	No	137	tripoli	Tripoli	
147	No	113	tufa	Tufa	
148	No	64	tuff breccia	Tuff breccia	
149	No	59	tuff, acidic	Acidic tuff	
150	No	60	tuff, basic	Basic tuff	
151	No	58	tuff, unspecified	Tuff	<p><i>A compacted deposit that is 50 percent or more volcanic ash and dust.</i></p>
152	No	132	tuff, welded	Welded tuff	
153	No	131	ultramafic, unspecified	Ultramafic rock	
154	Yes	24	volcanic bombs	Volcanic bombs	
155	No	62	volcanic breccia, acidic	Acidic volcanic breccia	
156	No	63	volcanic breccia, basic	Basic volcanic breccia	
157	No	61	volcanic breccia, unspecified	Volcanic breccia	

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Domains

Domain Name: biological_crust_type

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	algae	Algae	
2	No	2	cyanobacteria	Cyanobacteria	
3	No	3	lichen	Lichen	
4	No	4	liverworts	Liverworts	
5	No	5	moss	Moss	
6	No	6	none evident	None evident	

Domain Name: bottom_type

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	bare mud	Bare mud	<i>A silty, clayey or organic bottom matrix, with little or no aquatic vegetation or algae.</i>
2	No	2	bare sand	Bare sand	<i>A sandy bottom matrix, with little or no aquatic vegetation or algae.</i>
3	No	9	extremely gravelly or cobbly	Extremely gravelly/cobbly	<i>a bottom dominated (3 to <15% surface cover) by gravel or cobbles.</i>
4	No	3	extremely stony/bouldery	Extreme stony/bouldery	<i>A bottom dominated (3 to <15% surface cover) by boulders (or stones).</i>
5	No	11	gravelly/cobbly	Gravelly/cobbly	<i>A bottom partially covered by gravel or cobbles(0.01 to <0.1% surface cover).</i>
6	No	6	rubbly	Rubbly	<i>A bottom substantially covered (15 to <50% surface cover) by large coarse fragments of various sizes.</i>
7	No	8	shelly	Shelly	<i>A bottom dominated by aquatic shells or shell fragments.</i>
8	No	5	stony/bouldery	Stony/bouldery	<i>A bottom sparsely covered (0.01 to <0.1% surface cover) by boulders (or stones).</i>
9	No	10	very gravelly/cobbly	Very gravelly/cobbly	<i>A bottom partially covered by gravel or cobbles (0.1 to <3% surface cover).</i>
10	No	7	very rubbly	Very Rubbly	<i>A bottom extensively covered by boulders (>50% surface cover).</i>
11	No	4	very stony/bouldery	Very stony/bouldery	<i>A bottom partially covered (0.1 to <3% surface cover) by boulders (or stones).</i>

Domain Name: boundary_distinctness

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	5	very abrupt	Very abrupt	<i>Transitional zone is less than 0.5 cm thick.</i>
2	No	1	abrupt	Abrupt	<i>Transitional zone is 0.5 to <2 cm thick.</i>
3	No	2	clear	Clear	<i>Transitional zone is 2 to <5 cm thick.</i>
4	No	4	gradual	Gradual	<i>Transitional zone is 5 to <15 cm thick.</i>
5	No	3	diffuse	Diffuse	<i>Transitional zone is =>15 cm thick.</i>

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Domains

Domain Name: boundary_topography

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	3	smooth	Smooth	<i>The boundary is planar with few or no irregularities. (SSM)</i>
2	No	4	wavy	Wavy	<i>The boundary has undulations in which depressions are wider than they are deep. (SSM)</i>
3	No	2	irregular	Irregular	<i>The boundary has pockets that are deeper than they are wide. (SSM)</i>
4	No	1	broken	Broken	<i>One or both of the horizons or layers separated by the boundary are discontinuous and the boundary is interrupted.</i>

Domain Name: bulk_density_method

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	compliant cavity	Compliant cavity	
2	No	2	core, constant volume	Constant volume core	
3	No	3	core, variable volume	Variable volume core	
4	No	4	hydraulic probe	Hydraulic probe	
5	No	7	not applicable	Not applicable	<i>To be used when no bulk density sample is taken, therefore volume of the sample cannot be determined.</i>
6	No	5	ring	Ring	
7	No	6	scoop	Scoop	
8	No	8	3D scanner	3D scanner	

Domain Name: calculation_text_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	6	edit notes	Edit notes	<i>Text entries that describe what changes were made to the data, and why those changes were made.</i>
2	No	4	miscellaneous notes	Miscellaneous notes	<i>Text entries not related to any of the other choices.</i>

Domain Name: calculation_type

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	C	Calculation	<i>A procedure that calculates the value(s) of one or more elements from the value(s) of other elements. mnemonic=CALCT_CALCULATE</i>
2	No	2	V	Validation	<i>A procedure the only checks consistency between the values of different data elements, and reports any inconsistencies. mnemonic=CALCT_VALIDATE</i>

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Domain Name: canopy_cover_class

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	trace	Trace	
2	No	2	0.1 to 1%	0.1 to 1%	
3	No	3	1 to 2%	1 to 2%	
4	No	4	2 to 5%	2 to 5%	
5	No	5	5 to 10%	5 to 10%	
6	No	6	10 to 25%	10 to 25%	
7	No	7	25 to 50%	25 to 50%	
8	No	8	50 to 75%	50 to 75%	
9	No	9	75 to 95%	75 to 95%	
10	No	10	> 95%	> 95%	

Domain Name: capability_class

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	1	1	<i>Soils in Class 1 have few limitations that restrict their use.</i>
2	No	2	2	2	<i>Soils in Class 2 have some limitations that reduce the choice of plants or require moderate conservation practices</i>
3	No	3	3	3	<i>Soils in Class 3 have severe limitations that reduce the choice of plants or require special conservation practices, or both.</i>
4	No	4	4	4	<i>Soils in Class 4 have very severe limitations that restrict the choice of plants, require very careful management, or both</i>
5	No	5	5	5	<i>Soils in Class 5 have little or no erosion hazard, but have other limitations impractical to remove that limit their use.</i>
6	No	6	6	6	<i>Soils in Class 6 have very severe limitations that make them generally unsuited to cultivation and limit their use largely to pasture, etc.</i>
7	No	7	7	7	<i>Soils in Class 7 have very severe limitations that make them unsuited to cultivation and that restrict their use to grazing, etc.</i>
8	No	8	8	8	<i>Soils (and landforms) in Class 8 have limitations that preclude their use for commercial plant production and restrict their use.</i>

Domain Name: capability_subclass

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	e	e	<i>erosion</i>
2	No	2	w	w	<i>excess water</i>
3	No	3	s	s	<i>soil limitations within the rooting zone</i>

NASIS 7.1.4 Domains

Domain Name: capability_subclass

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
4	No	4	c	c	climate condition

Domain Name: carbonate_dev_stage_cf

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	I	I	<i>Pedogenic carbonate occurs as coats along the underside of some coarse fragments in the B horizon. A few fragments may be completely coated.</i>
2	No	2	II	II	<i>Pedogenic carbonate completely coats most coarse fragments in the B horizon. Carbonate matrix is continuous between some fragments.</i>
3	No	3	III	III	<i>Pedogenic carbonate entirely engulfs some part of the B horizon and it may be cemented. Carbonate coats and pendants may occur above and below the engulfed zone.</i>
4	No	4	IV	IV	<i>Pedogenic carbonate engulfs and cements part of the B horizon. Fine laminae are at the top of the cemented horizon. Carbonate coats and pendants may occur above and below the engulfed zone.</i>
5	No	5	V	V	<i>Pedogenic carbonate engulfs and cements a major part of the B horizon. The top of the cemented horizon has >1 cm thick laminae. Some vertical fractures may be laminae lined.</i>
6	No	6	VI	VI	<i>Pedogenic carbonate engulfs and cements a majority of the B horizon. Multiple generations of recemented breccia and laminae exist. Pisoliths are present.</i>

Domain Name: carbonate_dev_stage_fe

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	I	I	<i>Pedogenic carbonate occurs as few to common fine masses, threads, and/or patchy coats in the B horizon.</i>
2	No	2	II	II	<i>Pedogenic carbonate occurs as common, fine to very coarse masses, concretions, nodules, and/or continuous coats in the B horizon.</i>
3	No	3	III	III	<i>Pedogenic carbonate entirely engulfs part of the B horizon, and it may be cemented. Common to many masses, concretions, or nodules occur above or below the engulfed horizon.</i>
4	No	4	IV	IV	<i>Pedogenic carbonate engulfs and cements part of the B horizon. Fine laminae occur at the top of the cemented horizon. Common to many concretions may occur below the engulfed horizon.</i>
5	No	5	V	V	<i>Pedogenic carbonate engulfs and cements a major part of the B horizon. The top of the cemented horizon has >1 cm thick laminae. Some vertical fractures may be laminae lined.</i>
6	No	6	VI	VI	<i>Pedogenic carbonate engulfs and cements a majority of the B horizon. Multiple generations of recemented breccia and laminae exist.</i>

Domain Name: Cardinality (NASIS 6 metadata)

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
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NASIS 7.1.4 Domains

Domain Name: Cardinality (NASIS 6 metadata)

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	zero or one	Zero or One	
2	No	2	zero or more	Zero or More	
3	No	3	one and only one	One and Only One	
4	No	4	one or more	One or More	

Domain Name: cardinality_nasis

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	zero or one	Zero or One	
2	No	2	zero or more	Zero or More	
3	No	3	one and only one	One and Only One	
4	No	4	one or more	One or More	

Domain Name: certification_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	2	quality assurance	quality assurance	<i>A quality assurance review performed on the data by the individual responsible for providing oversight and review of the quality control. This individual is typically the Soil Data Quality Specialist. The quality assurance is typically performed after the quality control.</i>
2	No	1	quality control	quality control	<i>A quality control review performed on the data by the individual responsible for directing and inspecting the data entry. This is typically the MLRA Soil Survey Leader.</i>

Domain Name: chorizon_text_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	6	edit notes	Edit notes	<i>Text entries that describe what changes were made to the data and why those changes were made.</i>
2	No	4	miscellaneous notes	Miscellaneous notes	<i>Text entries not related to any of the other choices.</i>
3	Yes	5	certification notes	Certification notes	<i>Indicates records that contain notes related to certification of data objects. Typically, data elements certified in the object are listed in the text attached to this record.</i>
4	Yes	3	correlation notes	Correlation notes	
5	Yes	1	nontechnical description	Nontechnical description	
6	Yes	2	s5 description	SOI5 description	

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Domains

Domain Name: classification_type

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	correlated	Correlated	<i>The current official taxonomic classification and taxon name assigned taking into account information that was not available at the time of sampling. This also includes updated taxonomic classifications included in newer editions of Keys to Soil Taxonomy.</i>
2	No	2	field	Field	<i>The taxonomic classification assigned by laboratory staff as a result of reviewing analytical data results.</i>
3	No	3	lab	Lab	
4	No	4	sampled as	Sampled as	<i>The taxonomic classification and taxon name assigned at the time of field sampling.</i>

Domain Name: cole_method

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	soil clod	Soil clod	<i>COLE determined by soil clod method defined in SSIR51V1-3.5.4.1.</i>
2	No	3	soil mold	soil mold	<i>COLE determined by soil mold method defined in SSIR51V1-3.5.4.3.</i>
3	No	2	soil paste	Soil paste	<i>COLE determined by soil paste or rod method defined in SSIR51V1-3.5.4.2.</i>

Domain Name: color_chroma

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	Yes	1	0	0	
2	No	2	1	1	
3	No	3	2	2	
4	No	4	3	3	
5	No	5	4	4	
6	Yes	8	5	5	
7	No	6	6	6	
8	Yes	9	7	7	
9	No	7	8	8	

Domain Name: color_hue

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	15	10B	10B	
2	No	16	10BG	10BG	
3	No	17	10G	10G	

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Domain Name: color_hue

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
4	No	18	10GY	10GY	
5	No	1	10R	10R	
6	No	19	10Y	10Y	
7	No	2	10YR	10YR	
8	No	3	2.5Y	2.5Y	
9	No	4	2.5YR	2.5YR	
10	No	5	5B	5B	
11	No	6	5BG	5BG	
12	No	7	5G	5G	
13	No	8	5GY	5GY	
14	No	20	5PB	5PB	
15	No	14	5R	5R	
16	No	9	5Y	5Y	
17	No	10	5YR	5YR	
18	No	13	7.5R	7.5R	
19	Yes	21	7.5Y	7.5Y	
20	No	11	7.5YR	7.5YR	
21	No	12	N	N	

Domain Name: color_moisture_status

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	dry	Dry	<i>The soil specimen is sufficiently dry such that further drying does not change the color.</i>
2	No	2	moist	Moist	<i>The soil specimen is sufficiently moist such that further additions of water do not change the color.</i>

Domain Name: color_physical_state

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	Yes	6	after ignition	After ignition	
2	No	8	broken face	Broken face	
3	No	3	crushed	Crushed	
4	Yes	4	dithionite-citrate pretreated	Dithionite-citrate pretreated	
5	No	2	exterior	Exterior	
6	No	1	interior	Interior	

NASIS 7.1.4 Domains

Domain Name: color_physical_state

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
7	No	5	oxidized	Oxidized	<i>The soil specimen has been exposed to the atmosphere allowing for any color change of the reduced matrix.</i>
8	Yes	7	pyrophosphate extract	Pyrophosphate extract	
9	No	10	reduced	Reduced	<i>The color of the soil specimen is read prior to exposure to the atmosphere.</i>
10	No	9	rubbed	Rubbed	

Domain Name: color_value

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	2	2	
2	No	2	2.5	2.5	
3	No	3	3	3	
4	No	4	4	4	
5	No	5	5	5	
6	No	6	6	6	
7	No	7	7	7	
8	No	8	8	8	
9	No	9	8.5	8.5	
10	No	10	9	9	
11	No	11	9.5	9.5	

Domain Name: column_alignment

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	left justified	Left Justified	
2	No	2	center justified	Center Justified	
3	No	3	right justified	Right Justified	

Domain Name: component_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	family	Family	<i>The component is classified and described at the family level of Soil Taxonomy.</i>
2	No	3	miscellaneous area	Miscellaneous area	<i>The component is classified and described as a non-soil area.</i>

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Domain Name: component_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
3	No	4	series	Series	<i>The component is classified and described at the soil series level, the lowest level of Soil Taxonomy.</i>
4	No	5	taxadjunct	Taxadjunct	<i>The component is described slightly outside the Soil Taxonomic limits of the name assigned. However, these differences are not significant enough to affect use and management of the soil.</i>
5	No	2	taxon above family	Taxon above family	<i>The component is described and classified at some level of Soil Taxonomy above the family level.</i>
6	Yes	6	variant	Variant	<i>The component is described as being outside the range of the series for which it is named. The differences are great enough to warrant a new series, they do affect the use and management of the soil, but the geographical extent is considered too small to justify creating a new series.</i>

Domain Name: component_selection_criteria

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	all	All	
2	No	2	major comp	Major component	
3	No	3	min % comp	Minimum percent composition	
4	No	4	selected set	Selected set	

Domain Name: component_text_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	6	edit notes	Edit notes	<i>Text entries that describe what changes were made to the component object, exclusive of the horizon object, and why those changes were made.</i>
2	No	3	correlation notes	Correlation notes	<i>Text entries that document correlation concerns that affect this component. For example, notes about the comparison of this component to the official series for which it is named.</i>
3	No	2	s5 description	SOI5 description	<i>The SOI-5 description converted from SSSD.</i>
4	No	4	miscellaneous notes	Miscellaneous notes	<i>Text entries not related to any of the other choices.</i>
5	Yes	1	nontechnical description	Nontechnical description	
6	Yes	5	certification notes	Certification notes	<i>Indicates records that contain notes related to certification of data objects. Typically, data elements certified in the object are listed in the text attached to this record.</i>

Domain Name: concen_redox_boundary

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	sharp	Sharp	<i>Color changes in <0.1 mm between the feature and the soil matrix; change is abrupt even under 10X hand lens.</i>

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Domain Name: concen_redox_boundary

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
2	No	2	clear	Clear	<i>Color changes within 0.1 to <2 mm between the feature and the soil matrix; gradation is visible without 10X hand lens.</i>
3	No	3	diffuse	Diffuse	<i>Color changes in => 2 mm between the feature and soil matrix; gradation is easily visible with 10X hand lens.</i>

Domain Name: concen_redox_hardness

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	10	noncemented	Noncemented	<i>Stress applied ranges from 0 to 8 newtons. (SSM)</i>
2	No	11	extremely weakly	Extremely weakly cemented	<i>Stress applied ranges from 8 to 20 newtons. (SSM)</i>
3	No	12	very weakly	Very weakly cemented	<i>Stress applied ranges from 20 to 40 newtons. (SSM)</i>
4	No	13	weakly	Weakly cemented	<i>Stress applied ranges from 40 to 80 newtons. (SSM)</i>
5	No	14	moderately	Moderately cemented	<i>Stress applied ranges from 80 to 160 newtons. (SSM)</i>
6	No	15	strongly	Strongly cemented	<i>Stress applied ranges from 160 to 800 newtons. (SSM)</i>
7	No	16	very strongly	Very strongly cemented	<i>Stress applied ranges from 800 newtons to 3 joules. (SSM)</i>
8	No	17	indurated	Indurated	<i>Stress applied is greater than or equal 3 joules. (SSM)</i>

Domain Name: concen_redox_location

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	20	along lamina or strata surfaces	Along lamina or strata surfaces	
2	No	4	around rock fragments	Around rock fragments	
3	No	2	at top of horizon	At top of horizon	
4	No	3	between peds	Between peds	
5	No	1	in cracks	In cracks	
6	No	6	in matrix	In matrix	
7	No	8	in matrix surrounding redox concentrations	In matrix surrounding redox concentrations	
8	No	9	in matrix surrounding redox depletions	In matrix surrounding redox depletions	
9	No	7	infused into matrix adjacent to pores	Infused into matrix adjacent to pores	
10	No	15	infused into matrix along faces of peds	Infused into matrix along faces of peds	
11	No	10	lining pores	Lining pores	

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Domain Name: concen_redox_location

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
12	No	17	on bottom of rock fragments	On bottom of rock fragments	
13	No	11	on faces of peds	On faces of peds	
14	No	12	on horizontal faces of peds	On horizontal faces of peds	
15	Yes	13	on ped faces and pores	On ped faces and in pores	
16	No	18	on slickensides	On slickensides	
17	No	16	on surfaces along pores	On surfaces along pores	
18	No	19	on surfaces along root channels	On surfaces along root channels	
19	No	14	on vertical faces of peds	On vertical faces of peds	
20	No	5	throughout	Throughout	

Domain Name: concen_rmf_mottle_contrast

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	2	faint	Faint	<i>Colors being compared are on the same Munsell color page, and differ by ≤ 2 value and ≤ 1 chroma.</i>
2	No	1	distinct	Distinct	<i>Colors being compared are on the same Munsell color page and differ by >2 to 4 value units and >1 to 4 chroma, or they differ by one page and ≤ 2 value and ≤ 1 chroma.</i>
3	No	3	prominent	Prominent	<i>Colors being compared are on the same Munsell color page and differ by >4 units of value or chroma; or they differ by one page with >2 value units or >1 chroma; or they differ by ≥ 2 pages.</i>

Domain Name: concen_rmf_mottle_shape

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	8	cubic	Cubic	<i>angular, crudely cube shaped bodies</i>
2	No	1	cylindrical	Cylindrical	<i>Elongated, tubular bodies.</i>
3	No	2	dendritic	Dendritic	<i>Elongated, tubular, branched bodies.</i>
4	No	6	irregular	Irregular	<i>Bodies of non-repeating spacing or shape.</i>
5	No	9	lenticular	Lenticular	<i>Resembling in shape the cross section of a double-convex lens.</i>
6	No	10	pendular	Pendular	<i>Suspended bodies that occur on the undersides of objects, (e.g., pendular gypsum on the bottom of rock fragments).</i>
7	No	4	platy	Platy	<i>Relatively thin, tabular sheets.</i>
8	No	7	reticulate	Reticulate	<i>Crudely interlocking bodies with similar spacing.</i>
9	No	11	rosette-like	Rosette-like	<i>A mineral growth with concentric aggregates resembling rose flowers.</i>
10	No	3	spherical	Spherical	<i>Irregular or crudely spherical bodies.</i>

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Domain Name: concen_rmfmottle_shape

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
11	No	5	threadlike	Threadlike	<i>Fine to very fine, elongated filaments, generally not dendritic.</i>

Domain Name: concen_rmfmottle_size

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	Yes	13	micro	Micro	
2	Yes	14	micro and fine	Micro and fine	
3	No	15	very fine	Very fine	<i>< 0.25 mm</i>
4	Yes	11	very fine and fine	Very fine and fine	
5	No	1	fine	Fine	<i>0.25 to < 2 mm</i>
6	Yes	2	fine and medium	Fine and medium	<i><5 mm</i>
7	Yes	10	fine and coarse	Fine and coarse	
8	Yes	12	fine to coarse	Fine to coarse	
9	No	3	medium	Medium	<i>2 to <5 mm</i>
10	Yes	4	medium and coarse	Medium and coarse	<i>2 to <20 mm</i>
11	No	5	coarse	Coarse	<i>5 to <20 mm</i>
12	Yes	6	coarse and very coarse	Coarse and very coarse	<i>5 to <76 mm</i>
13	No	7	very coarse	Very coarse	<i>20 to <76 mm</i>
14	Yes	8	very coarse and extremely coarse	Very coarse and extremely coarse	<i>=>20 mm</i>
15	No	9	extremely coarse	Extremely coarse	<i>=>76 mm</i>

Domain Name: concentration_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	2	barite crystals	Barite crystals	
2	No	3	barite masses	Masses of barite	
3	No	4	calcite crystals	Calcite crystals	
4	No	58	carbonate bands	Carbonate bands	<i>Sheet-like deposits of carbonate usually about one to several millimeters thick that form along the bedding planes of finely stratified parent material. They are separated by soil with little or no macroscopic carbonate.</i>
5	No	59	carbonate beds	Carbonate beds	<i>Similar to bands by accumulating along bedding planes of parent material, but differ in size by being a few centimeters to a meter or more thick. Beds of carbonate accumulations, which can range from non-cemented to indurated, occur below the main zone of pedogenic horizons and preserve the original sedimentary structure.</i>
6	No	6	carbonate concretions	Carbonate concretions	

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Domains

Domain Name: concentration_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
7	No	60	carbonate laminae	Carbonate laminae	<i>Thin, individual layers of carbonate that comprise the laminar horizon and range from < 1 mm to a few millimeters in thickness. They typically parallel one another, but one set may truncate another set at various angles.</i>
8	No	24	carbonate masses	Masses of carbonate	<i>Spheroidal carbonate masses that form within highly developed petrocalcic horizons. They are less than 2 mm in diameter and have an internal structure of laminae that may or may not have detrital material at their cores.</i>
9	No	7	carbonate nodules	Carbonate nodules	
10	No	62	carbonate oololiths	Carbonate oololiths	
11	No	61	carbonate pisoliths	Carbonate pisoliths	
12	No	57	carbonate root casts	Carbonate root casts	<i>Branching, often tubular forms of carbonate accumulation that are carbonate pseudomorphs of roots. In contrast to cylindrical nodules, implicit in this definition is the rhizolithic origin of the feature.</i>
13	Yes	25	carbonate threads	Carbonate threads	<i>Very small carbonate bodies (e.g. CaCO₃) diffused within the soil and commonly not visible; may cause the soil to appear as though lightly dusted with whitish powder. Generally detected by a positive reaction to Effervescence tests.</i>
14	No	54	carbonate, finely disseminated	Finely disseminated carbonates	
15	No	1	clay bodies	Clay bodies	<i>Discrete angular nodules (fragments) of feldspar</i>
16	Yes	37	clay depletions	Clay depletions	
17	Yes	10	dark concretions	Dark concretions	
18	Yes	9	dark masses	Masses of dark accumulation	
19	Yes	11	dark nodules	Dark nodules	
20	No	52	diatoms	Diatoms	
21	No	33	durinodes	Durinodes	
22	No	36	fecal pellets	Fecal pellets	
23	No	66	feldspar minerals	Feldspar minerals	
24	No	67	ferromagnesian minerals	Ferromagnesian minerals	
25	No	12	gibbsite concretions	Gibbsite concretions	<i>A pocket-like cluster of gypsum crystals within a soil matrix or groundmass. Generally assumed to be pedogenic accumulations.</i>
26	No	13	gibbsite nodules	Gibbsite nodules	
27	No	53	glauconite pellets	Glauconite pellets	
28	No	20	gypsum crystal clusters	Gypsum crystal clusters	
29	No	18	gypsum crystals, unspecified	Gypsum crystals	<i>A generic choice that has no implication of crystal type (selenite, satin spar, etc.), no connotation of pedogenesis (gypsum crystal clusters), and no connotation of inherited minerals (gypsum crystals, geogenic).</i>

NASIS 7.1.4 Domains

Domain Name: concentration_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
30	No	19	gypsum masses	Masses of gypsum	<i>Discrete non-cemented gypsum bodies; crystals generally not visible.</i>
31	Yes	21	gypsum threads	Gypsum threads	
32	No	69	gypsum, finely disseminated	Finely disseminated gypsum	
33	No	35	insect casts	Insects casts	<i>Very small gypsum bodies diffused within the soil layer and commonly not visible; may cause the soil to appear as though lightly dusted with whitish powder. Generally detected with the use of National Soil Survey Lab field kits; a positive reaction to soluble sulfates (SO4--) in the presence of calcium (Ca++).</i>
34	Yes	16	iron concretions	Iron concretions	
35	Yes	38	iron depletions	Iron depletions	
36	Yes	15	iron masses	Masses of iron accumulation	
37	Yes	28	iron-manganese concretions	Iron-manganese concretions	
38	Yes	27	iron-manganese masses	Masses of iron-manganese accumulation	
39	Yes	39	iron-manganese nodules	Iron-manganese nodules	
40	Yes	17	ironstone nodules	Ironstone nodules	
41	Yes	46	lime concretions	Lime concretions	
42	Yes	5	lime masses	Masses of lime	
43	Yes	47	lime nodules	Lime nodules	
44	Yes	29	magnetic shot	Magnetic shot	
45	Yes	40	manganese concretions	Manganese concretions	
46	Yes	42	manganese masses	Masses of manganese accumulation	
47	Yes	41	manganese nodules	Manganese nodules	
48	No	64	mica flakes, biotite	Biotite mica flakes	<i>Biotite mica (75 percent of total mica) and stable mica pseudomorphs.</i>
49	No	63	mica flakes, mixed	Mixed mica flakes	
50	No	65	mica flakes, muscovite	Muscovite mica flakes	
51	No	8	mica flakes, unspecified	Mica flakes	<i>Muscovite mica (75 percent of total mica) and stable mica pseudomorphs</i> <i>Mica (undetermined mineralogy) and stable mica pseudomorphs</i>
52	Yes	26	nonmagnetic shot	Nonmagnetic shot	
53	No	30	opal	Opal	
54	No	56	ortstein nodules	Ortstein nodules	
55	Yes	43	oxide masses	Masses of oxide accumulation	
56	No	44	plant phytoliths	Plant phytoliths	
57	Yes	14	plinthite segregations	Plinthite segregations	
58	No	45	root sheaths	Root sheaths	
59	No	22	salt crystals	Salt crystals	

NASIS 7.1.4

Domains

Domain Name: concentration_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
60	No	23	salt masses	Salt masses	<i>Very small salt bodies (e.g. NaCl) diffused within the soil and commonly not visible; may cause the soil to appear as though lightly dusted with whitish powder. Generally detected by SAR test or by its salty taste.</i>
61	No	55	salt, finely disseminated	Finely disseminated salts	
62	No	71	satin spar crystals	Satin spar crystals	<i>A white, translucent, fibrous variety of gypsum, characterized by a silky luster; fibrous crystal aggregate includes fine, parallel threads that reflect light, resembling satin.</i>
63	No	70	selenite crystals	Selenite crystals	
64	No	50	shell fragments	Shell fragments	<i>The clear, colorless variety of gypsum, (occasionally brownish in color due to impurities) occurring in distinct, transparent to somewhat opaque, monoclinic crystals or in large crystalline masses with one primary cleavage plane and two poor cleavages that give fragments a skewed, angular look.</i>
65	No	32	silica concretions	Silica concretions	
66	No	31	silica masses	Masses of silica	
67	No	49	sponge spicules	Sponge spicules	
68	No	51	titanium oxide	Titanium oxide	
69	No	68	volcanic glass	Volcanic glass	
70	No	34	worm casts	Worm casts	
71	Yes	48	worm nodules	Worm nodules	<i>Volcanic glass, glass aggregates, glass-coated grains, and other vitric volcaniclastics.</i>

Domain Name: conservation_tree_shrub_group

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	1	1	
2	No	2	1a	1a	
3	No	3	1h	1h	
4	No	4	1k	1k	
5	Yes	5	1kk	1kk	
6	No	6	1s	1s	
7	No	49	1sa	1sa	
8	No	7	1sk	1sk	
9	Yes	8	1skk	1skk	
10	No	50	1ss	1ss	
11	No	51	1ssa	1ssa	
12	No	9	2	2	
13	No	10	2a	2a	
14	No	11	2h	2h	
15	No	12	2k	2k	

NASIS 7.1.4 Domains

Domain Name: conservation_tree_shrub_group

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
16	Yes	13	2kk	2kk	
17	No	14	3	3	
18	No	15	3a	3a	
19	No	16	4	4	
20	No	17	4a	4a	
21	No	18	4c	4c	
22	No	19	4ca	4ca	
23	Yes	20	4cc	4cc	
24	No	21	4ck	4ck	
25	No	22	4k	4k	
26	No	52	4sa	4sa	
27	No	23	5	5	
28	No	24	5a	5a	
29	No	25	5k	5k	
30	Yes	26	5kk	5kk	
31	No	27	6	6	
32	No	28	6a	6a	
33	No	29	6d	6d	
34	No	30	6da	6da	
35	No	31	6dk	6dk	
36	Yes	32	6g	6g	
37	Yes	33	6ga	6ga	
38	Yes	34	6gk	6gk	
39	Yes	35	6gkk	6gkk	
40	No	36	6k	6k	
41	Yes	37	6kk	6kk	
42	No	38	7	7	
43	No	39	7a	7a	
44	No	53	7k	7k	
45	No	54	7s	7s	
46	No	55	7sa	7sa	
47	No	56	7sk	7sk	
48	No	40	8	8	
49	Yes	41	8k	8k	
50	No	57	9	9	

NASIS 7.1.4 Domains

Domain Name: conservation_tree_shrub_group

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
51	Yes	42	9c	9c	
52	Yes	43	9l	9l	
53	Yes	44	9n	9n	
54	Yes	45	9nw	9nw	
55	No	46	9w	9w	
56	No	47	10	10	
57	Yes	48	not applicable	Not applicable	
58	No	58	not rated	Not rated	
59	No	59	1f	1f	
60	No	60	1af	1af	
61	No	61	1hf	1hf	
62	No	62	1kf	1kf	
63	No	63	1sf	1sf	
64	No	64	1saf	1saf	
65	No	65	1skf	1skf	
66	No	66	1ssf	1ssf	
67	No	67	1ssaf	1ssaf	
68	No	68	2f	2f	
69	No	69	2af	2af	
70	No	70	2hf	2hf	
71	No	71	2kf	2kf	
72	No	72	3f	3f	
73	No	73	3af	3af	
74	No	74	4f	4f	
75	No	75	4cf	4cf	
76	No	76	4caf	4caf	
77	No	77	4ckf	4ckf	
78	No	78	4kf	4kf	
79	No	79	4saf	4saf	
80	No	80	5f	5f	
81	No	81	5af	5af	
82	No	82	5kf	5kf	
83	No	83	6f	6f	
84	No	84	6af	6af	
85	No	85	6df	6df	

NASIS 7.1.4 Domains

Domain Name: conservation_tree_shrub_group

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
86	No	86	6daf	6daf	
87	No	87	6dkf	6dkf	
88	No	88	6kf	6kf	
89	No	89	7f	7f	
90	No	90	7af	7af	
91	No	91	7kf	7kf	
92	No	92	7sf	7sf	
93	No	93	7saf	7saf	
94	No	94	7skf	7skf	
95	No	95	8f	8f	
96	No	96	9f	9f	
97	No	97	9wf	9wf	
98	No	98	4af	4af	

Domain Name: correlation_event

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	7	correlation amendment	Correlation amendment	
2	No	5	correlation team meeting	Correlation team meeting	
3	No	6	final correlation	Final correlation	
4	No	3	final field review	Final field review	
5	No	1	initial field review	Initial field review	
6	No	2	progress field review	Progress field review	
7	No	4	technical assist	Technical assist	

Domain Name: correlation_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	8	join statement	Join statement	<i>Documentation regarding the joining of this map unit with those of surrounding soil survey areas.</i>
2	No	5	name change	Name change	<i>Documentation regarding changing the name on an existing map unit. If the status is changed at the same time, the action should be coded as "status change."</i>
3	No	7	notes to accompany	Notes to accompany	<i>Notes designed to be included with either the final correlation document or a field review report.</i>
4	No	1	status change - added	Status change - added	<i>The map unit has just been added to the Mapunit table for this legend - generally with a status of provisional or approved.</i>

NASIS 7.1.4 Domains

Domain Name: correlation_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
5	No	3	status change - disapproved	Status change - disapproved	<i>Documentation as to why a provisional mapunit did not move to the approved list, or an approved one did not move to correlated. More study is needed to make the correlation decision.</i>
6	No	2	status change - dropped/combined	Status change - dropped/combined	<i>Documentation for map units that are removed from the list of active map units - changed to "additional" status. This would also apply to map units that are "combined" with other map units.</i>
7	No	4	status change - reinstated	Status change - reinstated	<i>Documentation as to why a previously "dropped" map unit is revived and added to the list of active map units -- status generally changed from additional to approved or possibly correlated.</i>
8	Yes	6	symbol change	Symbol change	<i>Documentation regarding changing the mapunit symbol on an existing unit.</i>

Domain Name: correlation_type

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	3	correlation amendment	Correlation amendment	
2	No	1	field correlation	Field correlation	
3	No	2	final correlation	Final correlation	

Domain Name: corrosion_concrete

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	low	Low	
2	No	2	moderate	Moderate	
3	No	3	high	High	

Domain Name: corrosion_uncoated_steel

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	low	Low	
2	No	2	moderate	Moderate	
3	No	3	high	High	

Domain Name: cowardin_wetland_class

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
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NASIS 7.1.4

Domains

Domain Name: cowardin_wetland_class

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	aquatic bed	Aquatic bed	<i>The Aquatic Bed class includes wetlands and deepwater habitats dominated by plants that grow principally on or below the surface of the water for most of the growing season in most years. Water regimes include subtidal, irregularly exposed, regularly flooded, permanently flooded, intermittently exposed, semipermanently flooded, and seasonally flooded.</i>
2	No	2	emergent wetland	Emergent wetland	<i>The Emergent Wetland class is characterized by erect, rooted, herbaceous hydrophytes, excluding mosses and lichens. This vegetation is present for most of the growing season in most years. These wetlands are usually dominated by perennial plants. All water regimes are included except subtidal and irregularly exposed.</i>
3	No	3	forested wetland	forested wetland	<i>The Forested Wetland class is characterized by woody vegetation that is 6 m tall or taller. All water regimes are included except subtidal.</i>
4	No	4	moss-lichen wetland	Moss-lichen wetland	<i>The Moss-Lichen Wetland class includes areas where mosses or lichens cover substrates other than rock and where emergents, shrubs, or trees make up less than 30% of the areal cover. The only water regime is saturated.</i>
5	No	5	reef	Reef	<i>The Reef class includes ridge-like or mound-like structures formed by the colonization and growth of sedentary invertebrates. Water regimes are restricted to subtidal, irregularly exposed, regularly flooded, and irregularly flooded.</i>
6	No	6	rock bottom	Rock bottom	<i>The Rock Bottom class includes all wetlands and deepwater habitats with substrates having an areal cover of stones, boulders, or bedrock 75% or greater and vegetative cover of less than 30%. Water regimes are restricted to subtidal, permanently flooded, intermittently exposed, and semipermanently flooded.</i>
7	No	7	rocky shore	Rocky shore	<i>The Rocky Shore class includes wetland environments characterized by bedrock, stones, or boulders which singly or in combination have an areal cover of 75% or more and an areal coverage by vegetation of less than 30%. Water regimes are restricted to irregularly exposed, regularly flooded, irregularly flooded, seasonally flooded, temporarily flooded, and intermittently flooded.</i>
8	No	8	scrub-shrub wetland	Scrub-shrub wetland	<i>The Scrub-Shrub Wetland class includes areas dominated by woody vegetation less than 6 m (20 feet) tall. The species include true shrubs, young trees, and trees or shrubs that are small or stunted because of environmental conditions. All water regimes except subtidal are included.</i>
9	No	9	streambed	Streambed	<i>The Streambed class includes all wetland contained within the Intermittent Subsystem of the Riverine System and all channels of the Estuarine System or of the Tidal Subsystem of the Riverine System that are completely dewatered at low tide. Water regimes are restricted to irregularly exposed, regularly flooded, irregularly flooded, seasonally flooded, temporarily flooded, and intermittently flooded.</i>
10	No	10	unconsolidated bottom	Unconsolidated bottom	<i>The Unconsolidated Bottom class includes all wetland and deepwater habitats with at least 25% cover of particles smaller than stones, and a vegetative cover less than 30%. Water regimes are restricted to subtidal, permanently flooded, intermittently exposed, and semipermanently flooded.</i>
11	No	11	unconsolidated shore	Unconsolidated shore	<i>The Unconsolidated Shore class includes all wetland habitats having three characteristics: (1) unconsolidated substrates with less than 75% areal cover of stones, boulders, or bedrock; (2) less than 30% areal cover of vegetation other than pioneering plants; and (3) any of the following water regimes: irregularly exposed, regularly flooded, irregularly flooded, seasonally flooded, temporarily flooded, intermittently flooded, saturated, or artificially flooded. Intermittent or intertidal channels of the Riverine System and intertidal channels of the Estuarine System are classified as Streambed.</i>

NASIS 7.1.4 Domains

Domain Name: cowardin_wetland_subclass

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	algal	Algal	
2	No	2	aquatic moss	Aquatic moss	
3	No	3	bedrock	Bedrock	
4	No	4	broad-leaved deciduous	Broad-leaved deciduous	
5	No	5	broad-leaved evergreen	Broad-leaved evergreen	
6	No	6	cobble-gravel	Cobble-gravel	
7	No	7	coral	Coral	
8	No	8	dead	Dead	
9	No	9	floating vascular	Floating vascular	
10	No	10	lichen	Lichen	
11	No	11	mollusk	Mollusk	
12	No	12	moss	Moss	
13	No	13	mud	Mud	
14	No	14	needle-leaved deciduous	Needle-leaved deciduous	
15	No	15	needle-leaved evergreen	Needle-leaved evergreen	
16	No	16	nonpersistent	Nonpersistent	
17	No	17	organic	Organic	
18	No	18	persistent	Persistent	
19	No	19	rooted vascular	Rooted vascular	
20	No	20	rubble	Rubble	
21	No	21	sand	Sand	
22	No	22	vegetated	Vegetated	
23	No	23	worm	Worm	

Domain Name: cowardin_wetland_subsystem

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	subtidal	Subtidal	<i>The substrate is continuously submerged.</i>
2	No	2	tidal	Tidal	<i>The gradient is low and water velocity fluctuates under tidal influence. The streambed is mainly mud with occasional patches of sand. Oxygen deficits may sometimes occur and the fauna is similar to that in the Lower Perennial Subsystem. The floodplain is typically well developed.</i>
3	No	3	intertidal	Intertidal	<i>The substrate is exposed and flooded by tides; includes the associated splash zone.</i>

NASIS 7.1.4

Domains

Domain Name: cowardin_wetland_subsystem

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
4	No	4	lower perennial	Lower perennial	<i>The gradient is low and water velocity is slow. There is no tidal influence, and some water flows throughout the year. The substrate consists mainly of sand and mud. Oxygen deficits may sometimes occur, the fauna is composed mostly of species that reach their maximum abundance in still water, and true planktonic organisms are common. The gradient is lower than that of the Upper Perennial Subsystem and the floodplain is well developed.</i>
5	No	5	upper perennial	Upper perennial	<i>The gradient is high and velocity of the water fast. There is no tidal influence and some water flows throughout the year. The substrate consists of rock, cobbles, or gravel with occasional patches of sand. The natural dissolved oxygen concentration is normally near saturation. The fauna is characteristic of running water, and there are few or no planktonic forms. The gradient is high compared with that of the Lower Perennial Subsystem, and there is very little floodplain development.</i>
6	No	6	intermittent	Intermittent	<i>In this Subsystem, the channel contains flowing water for only part of the year. When the water is not flowing, it may remain in isolated pools or surface water may be absent.</i>
7	No	7	limnetic	Limnetic	<i>All deepwater habitats within the Lacustrine System; many small Lacustrine Systems have no Limnetic Subsystem.</i>
8	No	8	littoral	Littoral	<i>All wetland habitats in the Lacustrine System. Extends from the shoreward boundary of the system to a depth of 2 m (6.6 feet) below low water or to the maximum extent of nonpersistent emergents, if these grow at depths greater than 2 m.</i>

Domain Name: cowardin_wetland_system

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	estuarine	Estuarine	<i>The Estuarine System consists of deepwater tidal habitats and adjacent tidal wetlands that are usually semienclosed by land but have open, partly obstructed, or sporadic access to the open ocean, and in which ocean water is at least occasionally diluted by freshwater runoff from the land. The salinity may be periodically increased above that of the open ocean by evaporation. Along some low-energy coastlines there is appreciable dilution of sea water. Offshore areas with typical estuarine plants and animals, such as red mangroves (<i>Rhizophora mangle</i>) and eastern oysters (<i>Crassostrea virginica</i>), are also included in the Estuarine System.</i>
2	No	2	lacustrine	Lacustrine	<i>The Lacustrine System includes wetlands and deepwater habitats with all of the following characteristics: (1) situated in a topographic depression or a dammed river channel; (2) lacking trees, shrubs, persistent emergents, emergent mosses or lichens with greater than 30% areal coverage; and (3) total area exceeds 8 ha (20 acres). Similar wetland and deepwater habitats totaling less than 8 ha are also included in the Lacustrine System if an active wave-formed or bedrock shoreline feature makes up all or part of the boundary, or if the water depth in the deepest part of the basin exceeds 2 m (6.6 feet) at low water. Lacustrine waters may be tidal or nontidal, but oceanderived salinity is always less than 0.5 %.</i>

NASIS 7.1.4

Domains

Domain Name: cowardin_wetland_system

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
3	No	3	marine	Marine	<i>The Marine System consists of the open ocean overlying the continental shelf and its associated high-energy coastline. Marine habitats are exposed to the waves and currents of the open ocean and the water regimes are determined primarily by the ebb and flow of oceanic tides. Salinities exceed 30 ‰, with little or no dilution except outside the mouths of estuaries. Shallow coastal indentations or bays without appreciable freshwater inflow, and coasts with exposed rocky islands that provide the mainland with little or no shelter from wind and waves, are also considered part of the Marine System because they generally support typical marine biota.</i>
4	No	4	palustrine	Palustrine	<i>The Palustrine System includes all nontidal wetlands dominated by trees, shrubs, persistent emergents, emergent mosses or lichens, and all such wetlands that occur in tidal areas where salinity due to ocean-derived salts is below 0.5 ‰. It also includes wetlands lacking such vegetation, but with all of the following four characteristics: (1) area less than 8 ha (20 acres); (2) active wave-formed or bedrock shoreline features lacking; (3) water depth in the deepest part of basin less than 2 m at low water; and (4) salinity due to ocean-derived salts less than 0.5 ‰.</i>
5	No	5	riverine	Riverine	<i>The Riverine System includes all wetlands and deepwater habitats contained within a channel, with two exceptions: (1) wetlands dominated by trees, shrubs, persistent emergents, emergent mosses, or lichens, and (2) habitats with water containing ocean-derived salts in excess of 0.5 ‰. A channel is "an open conduit either naturally or artificially created which periodically or continuously contains moving water, or which forms a connecting link between two bodies of standing water" (Langbein and Iseri 1960:5).</i>

Domain Name: crack_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	2	irreversible crust related	Irreversible crust related	<i>Shallow (e.g., 0.5 - 2 cm) cracks related to soil crusts; derived from raindrop-splash and soil puddling, followed by dewatering/consolidation and desiccation; seasonally transient (not present year-round nor every year); minor influence on ponded infiltration (e.g., freeze-thaw crust and associated cracks).</i>
2	No	4	irreversible trans-horizon	Irreversible trans-horizon	<i>Deep vertical cracks that commonly extend across more than on soil horizon and may extent to the surface; derived from original dewatering and consolidation of parent materials (e.g., extremely coarse subsurface fissures within glacial till; drained polder cracks). These cracks are permanent (persist year-round; see Soil Taxonomy), and have a large influence on ponded infiltration and Ksat.</i>
3	No	1	reversible crust related	Reversible crust related	<i>Very shallow (e.g., 0.1 - 0.5 cm) cracks related to soil crusts; derived from raindrop-splash and soil puddling, followed by dewatering/consolidation and desiccation; very transient (generally persist less than a few weeks); formed by drying from surface down; minimal, seasonal influence on ponded infiltration (e.g., rain-drop crust cracks).</i>
4	No	3	reversible trans-horizon	Reversible trans-horizon	<i>Deep vertical cracks that commonly extend across more than on soil horizon and may extent to the surface; derived from wetting and drying of the soil (e.g. Vertisols, vertic subgroups). These cracks are transient (commonly seasonal; close when rewetted), and have a large influence on ponded infiltration and Ksat.</i>

NASIS 7.1.4 Domains

Domain Name: critical_shear_stress

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	to be assigned	To Be Assigned	

Domain Name: crop_name

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	african stargrass	African stargrass	
2	No	263	alfalfa	Alfafa	
3	No	2	alfalfa hay	Alfalfa hay	
4	No	248	alfalfa pasture	Alfalfa pasture	
5	No	3	alfalfa seed	Alfalfa seed	
6	No	4	almonds	Almonds	
7	No	242	annual ryegrass	Annual ryegrass	
8	No	5	apples	Apples	
9	No	6	apricots	Apricots	
10	No	7	artichokes	Artichokes	
11	No	8	asparagus	Asparagus	
12	No	9	avocados	Avocados	
13	No	10	bahiagrass	Bahiagrass	
14	No	229	bahiagrass hay	Bahiagrass hay	
15	No	11	bananas	Bananas	
16	No	12	barley	Barley	
17	No	260	barley, spring	Spring barley	
18	No	262	barley, spring-fallow	Spring barley-fallow	
19	No	259	barley, winter	Winter barley	
20	No	261	barley, winter-fallow	Winter barley-fallow	
21	No	13	barley-fallow	Barley-fallow	
22	No	14	beans, dry lima	Dry lima beans	
23	No	15	beans, dry pinto	Dry pinto beans	
24	No	16	beans, other dry	Dry beans	
25	No	17	beans, snap	Snap beans	
26	No	18	beans, unshelled lima	Unshelled lima beans	
27	No	19	beets	Beets	
28	No	20	bentgrass seed	Bentgrass seed	
29	No	21	bermudagrass-clover hay	Bermudagrass-clover hay	

NASIS 7.1.4 Domains

Domain Name: crop_name

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
30	No	22	bermudagrass-fescue hay	Bermudagrass-fescue hay	
31	No	23	big bluestem	Big bluestem	
32	No	24	blackberries	Blackberries	
33	No	25	blueberries	Blueberries	
34	No	252	bluegrass	Bluegrass	
35	No	26	bluegrass seed	Bluegrass seed	
36	No	27	bluegrass-ladino	Bluegrass-ladino	
37	No	28	bluegrass-ladino hay	Bluegrass-ladino hay	
38	No	29	bluegrass-trefoil	Bluegrass-trefoil	
39	No	30	bluegrass-trefoil hay	Bluegrass-trefoil hay	
40	No	31	bluegrass-white clover	Bluegrass-white clover	
41	No	32	bluegrass-white clover hay	Bluegrass-white clover hay	
42	No	33	breadfruit	Breadfruit	
43	No	34	broccoli	Broccoli	
44	No	35	bromegrass hay	Bromegrass hay	
45	No	36	bromegrass-alfalfa	Bromegrass-alfalfa	
46	No	37	bromegrass-alfalfa hay	Bromegrass-alfalfa hay	
47	No	38	bromegrass-alsike	Bromegrass-alsike	
48	No	39	bromegrass-alsike hay	Bromegrass-alsike hay	
49	No	40	bromegrass-ladino	Bromegrass-ladino	
50	No	41	broomcorn	Broomcorn	
51	No	42	brussel sprouts	Brussel sprouts	
52	No	43	buckwheat	Buckwheat	
53	No	44	buffel grass	Buffel grass	
54	No	45	cabbage	Cabbage	
55	No	46	cabbage, chinese	Chinese cabbage	
56	No	47	cabbage, mustard	Mustard cabbage	
57	No	48	canarygrass hay	Canarygrass hay	
58	No	49	canarygrass-alsike	Canarygrass-alsike	
59	No	50	canarygrass-alsike hay	Canarygrass-alsike hay	
60	No	51	canarygrass-ladino	Canarygrass-ladino	
61	No	52	canarygrass-ladino hay	Canarygrass-ladino hay	
62	No	230	canola, spring	Spring canola	
63	No	231	canola, winter	Winter canola	
64	No	53	cantaloupe	Cantaloupe	

NASIS 7.1.4 Domains

Domain Name: crop_name

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
65	No	54	carrots	Carrots	
66	No	55	cassava	Cassava	
67	No	239	caucasian bluestem	Caucasian bluestem	
68	No	243	caucasian bluestem hay	Caucasian bluestem hay	
69	No	56	cauliflower	Cauliflower	
70	Yes	57	causian bluegrass	Causian bluegrass	
71	No	58	celery	Celery	
72	No	59	cherries	Cherries	
73	No	60	clover seed	Clover seed	
74	No	61	coconuts	Coconuts	
75	No	62	coffee	Coffee	
76	No	63	common bermudagrass	Common bermudagrass	
77	No	227	common bermudagrass hay	Common bermudagrass hay	
78	No	64	common ryegrass seed	Common ryegrass seed	
79	No	65	cool season grass	Cool-season grasses	
80	No	66	corn	Corn	
81	No	67	corn silage	Corn silage	
82	No	68	corn, sweet	Sweet corn	
83	No	69	cotton lint	Cotton lint	
84	No	70	cotton lint, pima	Pima cotton lint	
85	No	71	cowpeas	Cowpeas	
86	No	72	cranberries	Cranberries	
87	No	73	crested wheatgrass	Crested wheatgrass	
88	No	74	crested wheatgrass-alfalfa hay	Crested wheatgrass-alfalfa hay	
89	No	244	crimson clover	Crimson clover	
90	No	75	cucumbers	Cucumbers	
91	No	76	fescue	Fescue	
92	No	77	filberts	Filberts	
93	No	78	fine fescue seed	Fine fescue seed	
94	No	79	flax	Flax	
95	No	80	garlic	Garlic	
96	No	81	garrisongrass	Garrisongrass	
97	No	82	grain sorghum	Grain sorghum	
98	No	83	grapefruit	Grapefruit	

NASIS 7.1.4 Domains

Domain Name: crop_name

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
99	No	84	grapes, table	Table grapes	
100	No	85	grapes, wine	Wine grapes	
101	No	86	grass hay	Grass hay	
102	No	253	grass silage	Grass silage	
103	No	87	grass, seed	Grass seed	
104	No	88	grass-clover	Grass-clover	
105	No	89	grass-legume hay	Grass-legume hay	
106	No	240	grass-legume pasture	Grass-legume pasture	
107	No	90	green chop	Green chop	
108	No	91	green needlegrass	Green needlegrass	
109	No	92	guinea grass	Guinea grass	
110	No	93	hay crops, annuals	Annual hay crop	
111	No	94	hops	Hops	
112	No	95	improved bermudagrass	Improved bermudagrass	
113	No	228	improved bermudagrass hay	Improved bermudagrass hay	
114	No	96	indiangrass	Indiangrass	
115	No	97	introduced bluestem	Introduced bluestem	
116	No	98	johnsongrass	Johnsongrass	
117	No	99	kentucky bluegrass	Kentucky bluegrass	
118	No	245	kincaid red clover	Kincaid red clover	
119	No	100	kleingrass	Kleingrass	
120	No	246	kobe lespedeza	Kobe lespedeza	
121	No	247	ladino clover	Ladino clover	
122	No	101	legume hay	Legume hay	
123	No	102	lemons	Lemons	
124	No	103	lentils, dry	Dry lentils	
125	No	104	lettuce	Lettuce	
126	No	105	limes	Limes	
127	No	106	loganberries	Loganberries	
128	No	107	macadamia nuts	Macadamia nuts	
129	No	108	mangos	Mangos	
130	No	109	merkergrass	Merkergrass	
131	No	110	millet	Millet	
132	No	111	mint, distillate	Distillate mint	
133	No	112	molassesgrass	Molassesgrass	

NASIS 7.1.4 Domains

Domain Name: crop_name

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
134	No	113	mungbeans	Mungbeans	
135	No	114	oats	Oats	
136	No	235	oats, hay	Hay oats	
137	No	115	olives	Olives	
138	No	116	onions	Onions	
139	No	117	onions, green	Green onions	
140	No	118	oranges	Oranges	
141	No	119	orchardgrass	Orchardgrass	
142	No	120	orchardgrass hay	Orchardgrass hay	
143	No	121	orchardgrass seed	Orchardgrass seed	
144	No	122	orchardgrass-alfalfa	Orchardgrass-alfalfa	
145	No	123	orchardgrass-alfalfa hay	Orchardgrass-alfalfa hay	
146	No	124	orchardgrass-alsike	Orchardgrass-alsike	
147	No	125	orchardgrass-alsike hay	Orchardgrass-alsike hay	
148	No	126	orchardgrass-ladino	Orchardgrass-ladino	
149	No	127	orchardgrass-ladino hay	Orchardgrass-ladino hay	
150	No	128	orchardgrass-lespedeza	Orchardgrass-lespedeza	
151	No	129	orchardgrass-lespedeza hay	Orchardgrass-lespedeza hay	
152	No	130	orchardgrass-red clover	Orchardgrass-red clover	
153	No	131	orchardgrass-red clover hay	Orchardgrass-red clover hay	
154	No	132	orchardgrass-trefoil	Orchardgrass-trefoil	
155	No	133	orchardgrass-trefoil hay	Orchardgrass-trefoil hay	
156	No	134	pangolagrass	Pangolagrass	
157	No	135	papaya	Papaya	
158	No	136	paragrass	Paragrass	
159	No	137	pasture	Pasture	
160	No	138	peaches	Peaches	
161	No	139	peanuts	Peanuts	
162	No	140	pears	Pears	
163	No	141	pears, winter	Winter pears	
164	No	142	peas, canning	Canning peas	
165	No	143	peas, dry	Dry peas	
166	No	144	peas, green	Green peas	
167	No	145	pecans	Pecans	
168	No	146	pepper, black	Black pepper	

NASIS 7.1.4 Domains

Domain Name: crop_name

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
169	No	147	peppers	Peppers	
170	No	148	peppers, dry chili	Dry chili peppers	
171	No	149	peppers, fresh chili	Fresh chili peppers	
172	No	150	peppers, green	Green peppers	
173	No	151	perennial ryegrass seed	Perennial ryegrass seed	
174	No	237	permanent pasture, improved	Improved permanent pasture	
175	No	238	permanent pasture, unimproved	Unimproved permanent pasture	
176	No	152	pigeonpeas	Pigeonpeas	
177	No	153	pineapple	Pineapple	
178	No	154	pineapple, ratoon	Ratoon pineapple	
179	No	155	pistachios	Pistachios	
180	No	156	plantains	Plantains	
181	No	157	plums	Plums	
182	No	158	potatoes, irish	Irish potatoes	
183	No	159	prunes	Prunes	
184	No	160	prunes, dry	Dry prunes	
185	No	161	pubescent wheatgrass	Pubescent wheatgrass	
186	No	162	pumpkins	Pumpkins	
187	No	163	raisins	Raisins	
188	No	164	raspberries	Raspberries	
189	No	165	red clover hay	Red clover hay	
190	No	166	red clover seed	Red clover seed	
191	No	167	reed canarygrass	Reed canarygrass	
192	No	168	rice	Rice	
193	No	169	rye	Rye	
194	No	170	rye grazeout	Rye grazeout	
195	No	171	safflower	Safflower	
196	No	172	small grains grazeout	Small grains grazeout	
197	No	232	small grains hay	Small grains hay	
198	No	233	small grains silage	Small grains silage	
199	No	173	smooth brome grass	Smooth brome grass	
200	No	234	sorghum grazed	Sorghum grazed	
201	No	174	sorghum hay	Sorghum hay	
202	No	175	sorghum silage	Sorghum silage	

NASIS 7.1.4 Domains

Domain Name: crop_name

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
203	No	176	soybeans	Soybeans	
204	No	177	spinach	Spinach	
205	No	249	squash, summer	Summer squash	
206	No	250	squash, winter	Winter squash	
207	No	178	strawberries	Strawberries	
208	No	236	strawberries, plants	Strawberry plants	
209	No	179	sugar beets	Sugar beets	
210	No	180	sugarcane	Sugarcane	
211	No	181	sugarcane, 18 month	18-month sugarcane	
212	No	182	sugarcane, ratoon	Ratoon sugarcane	
213	No	183	sugarcane, spring	Spring sugarcane	
214	No	184	sunflower	Sunflowers	
215	No	185	sweet potatoes	Sweet potatoes	
216	No	186	switchgrass	Switchgrass	
217	No	187	tall fescue	Tall fescue	
218	No	188	tall fescue hay	Tall fescue hay	
219	No	189	tall fescue seed	Tall fescue seed	
220	No	190	tall fescue-alfalfa	Tall fescue-alfalfa	
221	No	191	tall fescue-alfalfa hay	Tall fescue-alfalfa hay	
222	No	192	tall fescue-alsike	Tall fescue-alsike	
223	No	193	tall fescue-alsike hay	Tall fescue-alsike hay	
224	No	194	tall fescue-ladino	Tall fescue-ladino	
225	No	195	tall fescue-ladino hay	Tall fescue-ladino hay	
226	No	196	tall fescue-lepedeza	Tall fescue-lepedeza	
227	No	197	tall fescue-lepedeza hay	Tall fescue-lepedeza hay	
228	No	198	tall fescue-red clover	Tall fescue-red clover	
229	No	199	tall fescue-red clover hay	Tall fescue-red clover hay	
230	No	200	tall wheatgrass	Tall wheatgrass	
231	No	201	tangelos	Tangelos	
232	No	202	tangerines	Tangerines	
233	No	203	taniers	Taniers	
234	No	204	taro	Taro	
235	No	241	timothy hay	Timothy hay	
236	No	205	timothy-alfalfa	Timothy-alfalfa	
237	No	206	timothy-alfalfa hay	Timothy-alfalfa hay	

NASIS 7.1.4 Domains

Domain Name: crop_name

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
238	No	207	timothy-alsike	Timothy-alsike	
239	No	208	timothy-alsike hay	Timothy-alsike hay	
240	No	251	timothy-red clover	Timothy-red clover	
241	No	209	timothy-red clover hay	Timothy-red clover hay	
242	No	210	tobacco	Tobacco	
243	No	254	tobacco, burley	Burley tobacco	
244	No	257	tobacco, dark air-cured	Dark air-cured tobacco	
245	No	255	tobacco, fire-cured	Fire-cured tobacco	
246	No	256	tobacco, flue-cured	Flue-cured tobacco	
247	No	258	tobacco, light, air-cured	Light air-cured tobacco	
248	No	211	tomatoes	Tomatoes	
249	No	212	trefoil hay	Trefoil hay	
250	No	213	trefoil-grass	Trefoil-grass	
251	No	214	trefoil-grass hay	Trefoil-grass hay	
252	No	215	walnuts	Walnuts	
253	No	216	warm season grass	Warm season grasses	
254	No	217	watermelons	Watermelons	
255	No	218	weeping lovegrass	Weeping lovegrass	
256	No	219	wheat	Wheat	
257	No	220	wheat grazeout	Wheat grazeout	
258	No	221	wheat, oct-mar	Wheat (October-March)	
259	No	222	wheat, spring	Spring wheat	
260	No	223	wheat, spring-fallow	Spring wheat-fallow	
261	No	224	wheat, winter	Winter wheat	
262	No	225	wheat, winter-fallow	Winter wheat-fallow	
263	No	226	yams	Yams	

Domain Name: crop_tree_category

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	timber	Timber	
2	No	2	visual quality	Visual quality	
3	No	3	water quality	Water quality	
4	No	4	wildlife	Wildlife	

NASIS 7.1.4 Domains

Domain Name: crop_yield_units

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	5	100 pounds	Cwt	100 pounds/acre
2	No	1	animal unit months	AUM	Animal unit months/acre
3	No	2	boxes	Boxes	Boxes/acre
4	No	3	bushels	Bu	Bushels/acre
5	No	4	crates	Crates	Crates/acre
6	No	6	pounds	Lbs	Pounds/acre
7	No	7	sacks	Sacks	Sacks/acre
8	No	8	thousands	Thousands	Thousands/acre
9	No	9	tons	Tons	Tons/acre

Domain Name: crown_class

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	codominant	Codominant	Tree whose crown helps to form the general level of the main canopy in even-aged stands or, in uneven-aged stands, the main canopy of the tree's immediate neighbors, receiving full light from above and comparatively little from the sides.
2	No	2	dominant	Dominant	Tree whose crown extends above the general level of the main canopy of even-aged stands or, in uneven-aged stands, above the crowns of the tree's immediate neighbors and receiving full light from above and partial light from the sides.

Domain Name: crust_development_class

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	weak	Weak	Physical and salt crusts are fragile and can be disrupted by rainfall. Weak physical crusts have a smooth morphology, none to few cyanobacterial sheaths, and little or no darkening from cyanobacteria. Poorly developed biological crusts have a smooth or dimpled morphology, dense cyanobacterial sheaths, and variable darkening from cyanobacteria.
2	No	2	strong	Strong	Well developed crusts. Physical crusts are usually platy or massive and are not disrupted by rainfall. Biological crusts are strongly developed with a rugose, pinnacled, or rolling morphology, a diverse biological assemblage with two or more groups of organisms, and obvious darkening by cyanobacteria, rubbery algae, moss, or lichen.

Domain Name: cryptogam_cover_class_legacy

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	low	Low	

NASIS 7.1.4 Domains

Domain Name: cryptogam_cover_class_legacy

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
2	No	2	medium	Medium	
3	No	3	high	High	

Domain Name: ct_septic_potential

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	extremely low potential	Extremely low potential	<i>These soils have severe limitations that are extremely difficult to overcome. A permit for absorption field installation may not be issued unless the naturally occurring soils meet the minimal requirements outlined in the state health code. It is unlikely these soils can be improved sufficiently to meet state health code regulations.</i>
2	No	5	high potential	High potential	<i>These soils have the best combination of characteristics or may have limitations that can be easily overcome using standard installation practices. The cost factor ranges from 1.0x to 2.0x.</i>
3	No	3	low potential	Low potential	<i>These soils have limitations that require extensive design and site preparation. The cost factor ranges from 2.5x to 3.5x.</i>
4	No	4	medium potential	Medium potential	<i>These soils have significant limitations that are generally overcome with commonly applied designs. The cost factor ranges from 2.0x to 2.5x.</i>
5	No	6	not rated	Not rated	<i>These soils have characteristics that show extreme variability from on location to another. The work needed to overcome adverse soil properties cannot be estimated.</i>
6	No	2	very low potential	Very low potential	<i>These soils have severe limitations that require extensive design and site preparation. A permit for absorption field installation may not be issued unless the naturally occurring soils meet the minimal requirements outlined in the state health code. It is unlikely these soils can be improved sufficiently to meet state health code regulations. The cost factor ranges from 4.25x to 6.0x.</i>

Domain Name: cultivation_extent

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	excellent	Excellent	<i>Clean tilled each year.</i>
2	No	2	good	Good	<i>Clean tilled frequently or partially.</i>
3	No	3	fair	Fair	<i>Clean tilled infrequently or outside rows only.</i>
4	No	4	poor	Poor	<i>No cultivation for 3 years or more.</i>
5	No	5	none	None	<i>No cultivation has occurred.</i>

Domain Name: current_year_precip

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	above normal	Above normal	

NASIS 7.1.4 Domains

Domain Name: current_year_precip

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
2	No	2	normal	normal	
3	No	3	below normal	Below normal	

Domain Name: damage_degree

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	none	None	No damage.
2	No	2	slight	Slight	No appreciable damage is apparent.
3	No	3	moderate	Moderate	Apparent loss of foliage, vigor, and top growth or general overall decline of species in the row.
4	No	4	severe	Severe	Apparent loss of species in the row.

Domain Name: data_mapunit_selection_criteria

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	all	All	
2	No	2	data certification status	Data certification status	
3	No	3	selected set	Selected set	

Domain Name: data_mapunit_text_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	6	edit notes	Edit notes	Text entries that describe what changes were made to the data mapunit object, exclusive of the component object, and why those changes were made.
2	No	5	certification statements	Certification statements	Text entries related to certification of the data mapunit. Typically, data elements certified in the object are listed in the text attached to this record.
3	No	3	correlation notes	Correlation notes	Text entries about correlation concerns related to this data mapunit. For example, a description of the interpretive focus and map unit design intent for this data mapunit.
4	No	4	miscellaneous notes	Miscellaneous notes	Text entries not related to any of the other choices.
5	Yes	1	nontechnical description	Nontechnical description	
6	Yes	2	s5 description	SOI5 description	

Domain Name: date_time_interval_qualifier

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
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NASIS 7.1.4 Domains

Domain Name: date_time_interval_qualifier

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	Fraction of a Second	Fraction of a Second	<i>mnemonic=ELMDT_FRACTION</i>
2	No	2	Second	Second	<i>mnemonic=ELMDT_SECOND</i>
3	No	3	Minute	Minute	<i>mnemonic=ELMDT_MINUTE</i>
4	No	4	Hour	Hour	<i>mnemonic=ELMDT_HOUR</i>
5	No	5	Day	Day	<i>mnemonic=ELMDT_DAY</i>
6	No	6	Month	Month	<i>mnemonic=ELMDT_MONTH</i>
7	No	7	Year	Year	<i>mnemonic=ELMDT_YEAR</i>

Domain Name: Datetime Precision (NASIS 6 Metadata)

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	7	fraction	Fraction	
2	No	6	second	Second	
3	No	5	minute	Minute	
4	No	4	hour	Hour	
5	No	3	day	Day	
6	No	2	month	Month	
7	No	1	year	Year	

Domain Name: daubenmire_canopy_cover_class

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	1 to 5%	1 to 5%	
2	No	2	6 to 25%	6 to 25%	
3	No	3	26 to 50%	26 to 50%	
4	No	4	51 to 75%	51 to 75%	
5	No	5	76 to 95%	76 to 95%	
6	No	6	96 to 100%	96 to 100%	

Domain Name: decadent_plant_abundance

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	some	Some	

NASIS 7.1.4 Domains

Domain Name: decadent_plant_abundance

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
2	No	2	few	Few	
3	No	3	more than expected	More than expected	

Domain Name: Default Type (NASIS 6 metadata)

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	current date/time	Current Date/Time	
2	No	6	identity	Identity	
3	No	2	literal	Literal	
4	No	3	nasid group ID	NASIS Group ID	
5	No	4	nasid site ID	NASIS Site ID	
6	No	5	nasid user ID	NASIS User ID	
7	No	9	non-quoted literal	Non-Quoted Literal	
8	No	8	propagate from hierarchy parent	Propagate from Hierarchy Parent	
9	No	7	zero length string	Zero Length String	

Domain Name: default_type

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	current date/time	Current Date/Time	
2	No	2	literal	Literal	
3	No	3	nasid group ID	NASIS Group ID	
4	No	4	nasid site ID	NASIS Site ID	
5	No	5	nasid user ID	NASIS User ID	
6	No	6	identity	Identity	
7	No	7	zero length string	Zero Length String	
8	No	8	propagate from hierarchy parent	Propagate from Hierarchy Parent	
9	No	9	non-quoted literal	Non-Quoted Literal	

Domain Name: diag_horz_feat_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
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NASIS 7.1.4 Domains

Domain Name: diag_horz_feat_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	2	abrupt textural change	Abrupt textural change	
2	No	29	agric horizon	Agric horizon	
3	No	28	albic horizon	Albic horizon	
4	No	49	albic materials	Albic materials	
5	No	3	andic soil properties	Andic soil properties	
6	No	57	anhydrous conditions	Anhydrous conditions	
7	No	67	anthric saturation	Anthric saturation	
8	No	1	anthropic epipedon	Anthropic epipedon	
9	No	12	aquic conditions	Aquic conditions	
10	No	32	argillic horizon	Argillic horizon	
11	No	75	artifacts	Artifacts	
12	No	5	calcic horizon	Calcic horizon	
13	No	4	cambic horizon	Cambic horizon	
14	No	46	coprogenous earth	Coprogenous earth	
15	No	58	cryoturbation	Cryoturbation	
16	No	54	densic contact	Densic contact	
17	No	55	densic materials	Densic materials	
18	No	47	diatomaceous earth	Diatomaceous earth	
19	No	6	durinodes	Durinodes	
20	No	38	duripan	Duripan	
21	No	65	endosaturation	Endosaturation	
22	No	66	episaturation	Episaturation	
23	No	76	fibers	Fibers	
24	No	41	fibric soil materials	Fibric soil materials	
25	No	61	folistic epipedon	Folistic epipedon	
26	No	53	fragic soil properties	Fragic soil properties	
27	No	8	fragipan	Fragipan	
28	No	77	free carbonates	Free carbonates	
29	No	59	gelic materials	Gelic materials	
30	Yes	10	gilgai	Gilgai	
31	No	60	glacic layer	Glacic layer	
32	No	11	glossic horizon	Glossic horizon	
33	No	9	gypsic horizon	Gypsic horizon	
34	No	70	gypsum accumulations	Gypsum accumulations	
35	No	42	hemic soil materials	Hemic soil materials	

NASIS 7.1.4 Domains

Domain Name: diag_horz_feat_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
36	No	13	histic epipedon	Histic epipedon	
37	No	44	humilluvic material	Humilluvic material	
38	No	40	interfingering of albic materials	Interfingering of albic materials	
39	No	17	kandic horizon	Kandic horizon	
40	No	51	lamellae	Lamellae	
41	No	45	limnic materials	Limnic materials	
42	No	18	lithic contact	Lithic contact	
43	No	68	lithologic discontinuity	Lithologic discontinuity	
44	No	48	marl	Marl	
45	No	21	melanic epipedon	Melanic epipedon	
46	No	20	mollic epipedon	Mollic epipedon	
47	Yes	50	mottles with chroma 2 or less	Mottles with chroma 2 or less	
48	No	73	n value > 0.7	n value > 0.7	
49	No	22	natric horizon	Natric horizon	
50	No	23	ochric epipedon	Ochric epipedon	
51	No	52	ortstein	Ortstein	
52	No	36	oxic horizon	Oxic horizon	
53	No	35	paralithic contact	Paralithic contact	
54	No	56	paralithic materials	Paralithic materials	
55	No	26	permafrost	Permafrost	
56	No	7	petrocalcic horizon	Petrocalcic horizon	
57	No	25	petroferric contact	Petroferric contact	
58	No	15	petrogypsic horizon	Petrogypsic horizon	
59	No	16	placic horizon	Placic horizon	
60	No	24	plaggen epipedon	Plaggen epipedon	
61	No	27	plinthite	Plinthite	
62	No	62	redox concentrations	Redox concentrations	
63	No	63	redox depletions with chroma 2 or less	Redox depletions with chroma 2 or less	
64	No	64	reduced matrix	Reduced matrix	
65	No	78	resistant minerals	Resistant minerals	
66	No	37	salic horizon	Salic horizon	
67	No	71	salt accumulations	Salt accumulations	
68	No	43	sapric soil materials	Sapric soil materials	

NASIS 7.1.4 Domains

Domain Name: diag_horz_feat_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
69	No	19	secondary carbonates	Secondary carbonates	
70	No	31	slickensides	Slickensides	
71	No	14	sombric horizon	Sombric horizon	
72	No	30	spodic horizon	Spodic horizon	
73	No	74	spodic materials	Spodic materials	
74	No	69	strongly contrasting particle size class	Strongly contrasting particle size class	
75	No	39	sulfidic materials	Sulfidic materials	
76	No	34	sulfuric horizon	Sulfuric horizon	
77	No	33	umbric epipedon	Umbric epipedon	
78	No	72	volcanic glass	Volcanic glass	
79	No	79	weatherable minerals	Weatherable minerals	
80	No	80	anhydritic horizon	Anhydritic horizon	
81	No	81	human-altered material	Human-altered material	
82	No	82	human-transported material	Human-transported material	
83	No	83	manufactured layer	Manufactured layer	
84	No	84	manufactured layer contact	Manufactured layer contact	

Domain Name: digitizing_unit

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	2	kansas	Kansas	
2	No	3	michigan	Michigan	
3	No	4	missouri	Missouri	
4	No	5	montana	Montana	
5	No	1	ngmc	NGMC	
6	No	6	texas	Texas	
7	No	7	virginia	Virginia	
8	No	8	wisconsin	Wisconsin	

Domain Name: disease_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	none	None	

NASIS 7.1.4 Domains

Domain Name: disease_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
2	No	2	canker	Canker	
3	No	3	cedar apple rust	Cedar apple rust	
4	No	4	fire blight	Fire blight	
5	No	5	fungus	Fungus	
6	No	6	needle rust	Needle rust	
7	No	7	other	Other	
8	No	8	virus	Virus	
9	No	9	x disease	X disease	

Domain Name: distribution_status

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	in progress	In progress	<i>The distribution request has been submitted but the processing of that request is not complete. The request may be being held for processing at a later time.</i>
2	No	4	not successful	Not successful	<i>The distribution request failed to run to completion, and no data was exported.</i>
3	No	2	partially successful	Partially successful	<i>The distribution request was processed to completion, but one or more of the legends, map units or components in the original request was not found in the database at the time the request was ultimately processed.</i>
4	No	3	successful	Successful	<i>The distribution request was processed to completion, and all requested legends, map units and components are present in the exported dataset.</i>

Domain Name: disturbance_frequency

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	rarely applied	Rarely Applied	
2	No	2	occasionally applied	Occasionally applied	
3	No	3	systematically applied	Sytematically applied	
4	No	4	unknown	Unknown	

Domain Name: disturbance_impact

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	low	Low	
2	No	2	medium	Medium	
3	No	3	high	High	

NASIS 7.1.4 Domains

Domain Name: disturbance_impact

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
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Domain Name: disturbance_last_applied

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	within past year	Within past year	
2	No	2	within past 1 to 5 years	Within past 1 to 5 years	
3	No	3	within past 5 to 10 years	Within past 5 to 10 years	
4	Yes	4	more than 10 years ago	More than 10 years ago	
5	No	5	within past 10 to 25 years	Within past 10 to 25 years	
6	No	6	within past 25 to 50 years	Within past 25 to 50 years	
7	No	7	more than 50 years ago	More than 50 years ago	
8	No	8	unknown	Unknown	

Domain Name: disturbance_type

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	animals, nonrodent	Nonrodent animals	<i>Disturbance to soil or vegetation due to nonrodent animal activity.</i>
2	No	2	animals, rodent	Rodents	<i>Disturbance to soil or vegetation due to rodent activity.</i>
3	No	3	brush management, biological	Biological brush management	<i>Disturbance to vegetation due to biological brush management.</i>
4	No	4	brush management, chemical	Chemical brush management	<i>Disturbance primarily to vegetation due to chemical brush management; could also include soil disturbance either from residual chemical activity or from the mechanical application method.</i>
5	No	5	brush management, mechanical	Mechanical brush management	<i>Disturbance to vegetation and soil due to mechanical brush management.</i>
6	No	6	construction activities	Construction activities	<i>Disturbance to soil or vegetation due to any miscellaneous construction activities not otherwise specified.</i>
7	No	7	cryoturbation	Cryoturbation	<i>A significant disturbance of the soil due to cryoturbation; this is only appropriate on a site that does not experience cryoturbation as a normal phenomenon.</i>
8	No	8	cultivation	Cultivation	<i>Any human-induced disturbance of the soil surface for the purpose of growing a crop.</i>
9	No	9	drainage	Drainage	<i>A permanent drying of the site due to human induced lowering of the water table.</i>
10	No	10	erosion, water	Water erosion	<i>A significant removal or disturbance of the soil surface due to water erosion.</i>
11	No	11	erosion, wind	Wind erosion	<i>A significant removal or disturbance of the soil surface due to wind erosion.</i>
12	No	12	fertilizer addition	Fertilizer addition	<i>A significant change in vegetation composition due to the addition of soil nutrients.</i>
13	No	13	firefighting operations	Firefighting operations	<i>Disturbance to the site due to operations incurred while fighting or controlling a wildfire.</i>
14	No	14	forest planting	Forest planting	<i>Any disturbance of the soil surface for the purpose of planting trees.</i>

NASIS 7.1.4

Domains

Domain Name: disturbance_type

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
15	No	15	hay removal	Hay removal	<i>The cutting of live vegetation and the removal of the plant material for use as forage.</i>
16	No	16	heavy machinery	Heavy machinery	<i>Compaction impact and/or physical damage to vegetation from heavy machinery.</i>
17	No	17	insect damage	Insect damage	<i>Change in vegetation composition due to insect damage.</i>
18	No	18	insecticide application	Insecticide application	<i>A significant long-term disturbance of the vegetation due to insecticide; this would be secondary reaction to a significant change in the insect community.</i>
19	No	19	land use conversion	Land use conversion	<i>Complete removal of vegetation (especially trees) including root wads for conversion to another land use.</i>
20	No	20	livestock grazing	Livestock grazing	<i>Change in vegetation composition due to heavy grazing pressure by livestock.</i>
21	No	21	livestock heavy use	Livestock heavy use	<i>Disturbance to soil and/or vegetation due to heavy stocking rate of livestock.</i>
22	No	22	livestock tanks/spring development	Livestock tanks/spring development	<i>Disturbance to soil or vegetation due to use of livestock tanks or development of springs.</i>
23	No	23	livestock walkways	Livestock walkways	<i>Disturbance to soil due to the development of livestock walkways.</i>
24	No	24	mass land movement	Mass land movement	<i>Disturbance to site due to the mass movement of soil (landslide).</i>
25	No	25	mining equipment operations	Mining equipment operations	<i>Disturbance to soil or vegetation due to mining equipment operations.</i>
26	No	26	mowing/clipping	Mowing/clipping	<i>The cutting of live vegetation and allowing the plant material to remain and decompose on site.</i>
27	No	27	overhead transmission lines	Overhead transmission lines	<i>Disturbance to soil or vegetation due to the construction or maintenance of overhead transmission lines.</i>
28	No	28	plant disease damage	Plant disease damage	<i>A significant long-term disturbance of the vegetation composition due to plant disease.</i>
29	No	29	prescribed fire	Prescribed fire	<i>Disturbance to the site due to exposure to prescribed fire, either ground, canopy, or both; also includes disturbance due to site preparation operations.</i>
30	No	30	recreational foot traffic	Recreational foot traffic	<i>Disturbance to soil or vegetation due to recreational foot traffic.</i>
31	No	31	recreational vehicles	Recreational vehicles	<i>Disturbance to soil or vegetation due to recreational vehicles, including motorbikes and ATVs.</i>
32	No	32	roads, dirt	Dirt roads	<i>Disturbance to site due to the construction of dirt roads.</i>
33	No	33	roads, gravel	Gravel roads	<i>Disturbance to site due to the construction of gravel roads.</i>
34	No	34	roads, paved	Paved roads	<i>Disturbance to site due to the construction of paved roads.</i>
35	No	35	salt spray damage	Salt spray damage	<i>Chemical disturbance to the soil or vegetation due to abnormal exposure to salt spray; this is only appropriate on a site that does not experience salt spray as a normal phenomenon.</i>
36	No	36	seedbed preparation	Seedbed preparation	<i>Any disturbance of the soil surface for the purpose of planting seed.</i>
37	No	37	site preparation	Site preparation	<i>Activities primarily for silvicultural objectives and prescription to generate a new crop or age class of trees, include slash piling.</i>
38	No	38	snow/ice damage	Snow/ice damage	<i>A significant long-term disturbance of the vegetation composition or soil due to snow/ice damage; this is only appropriate on a site that does not experience snow/ice as a normal phenomenon.</i>
39	No	39	soil deposition by water	Soil deposition by water	<i>Disturbance to the vegetation due to an accumulation of soil from water movement.</i>
40	No	40	soil deposition by wind	Soil deposition by wind	<i>Disturbance to the vegetation due to an accumulation of soil from wind movement.</i>
41	No	41	tidal surge/damage	Tidal surge/damage	<i>Chemical or physical disturbance to the soil or vegetation due to abnormal exposure to tidal surge; this is only appropriate on a site that does not experience tidal surge as a normal phenomenon.</i>
42	No	42	timber harvest, aerial or suspension	Timber harvest, aerial or suspension	<i>Timber or tree yarding via log suspension systems that keep one or both ends off the ground.</i>

NASIS 7.1.4 Domains

Domain Name: disturbance_type

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
43	No	43	timber harvest, clear-cut	Timber harvest, clear-cut	<i>Disturbance to the soil and a significant long-term disturbance to the vegetation composition due to the removal of most trees; contrast against timber harvest, selective.</i>
44	No	44	timber harvest, ground-based mechanical	Timber harvest, ground-based mechanical	<i>Timber or tree yarding via ground-based machinery.</i>
45	No	45	timber harvest, selective	Timber harvest, selective	<i>Disturbance to the soil and a significant long-term disturbance to the vegetation composition due to the selective removal of certain trees; contrast against timber harvest, clear-cut.</i>
46	No	46	transported fill material	Transported fill material	<i>Disturbance to the site due the transport and deposition of off-site fill.</i>
47	No	47	underground utilities	Underground utilities	<i>Disturbance of the soil due to the construction and placement of underground utilities.</i>
48	No	48	water flooding/ponding	water flooding/ponding	<i>Disturbance of the site due to prolonged water exposure from flooding or ponding.</i>
49	No	49	wildfire, canopy	Canopy wildfire	<i>Disturbance to the site due to exposure to wildfire predominantly in the tree canopy.</i>
50	No	50	wildfire, general	General wildfire	<i>Disturbance to the site due to exposure to a combination of both ground and canopy wildfire.</i>
51	No	51	wildfire, ground	Ground wildfire	<i>Disturbance to the site due to exposure to wildfire predominantly in the understory.</i>
52	No	52	wildlife grazing	Wildlife grazing	<i>Change in vegetation composition due to heavy grazing pressure by wildlife.</i>
53	No	53	wind storm damage	Wind storm damage	<i>A significant long-term disturbance of the vegetation composition due to wind damage.</i>
54	Yes	54	brush management, legacy	Brush management, legacy	<i>Disturbance of the site and/or plant community due to past brush management practice of unknown method as recorded in legacy data.</i>

Domain Name: dmf_site

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	indiana	Indiana	
2	No	3	missouri	Missouri	
3	No	2	montana	Montana	
4	No	5	nevada	Nevada	
5	No	4	ngmc	NGMC	
6	No	6	oregon	Oregon	
7	No	7	tennessee	Tennessee	

Domain Name: dmu_certification_status

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	not for distribution	not for distribution	<i>The data map unit object has been created, but is not populated or the data are preliminary and incomplete. The data are subject to major changes. A data mapunit with this status should not be interpreted, exported, or used by other applications.</i>

NASIS 7.1.4

Domains

Domain Name: dmu_certification_status

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
2	No	2	not certified	not certified	<i>The data in the data map unit object have been created and have been appropriately populated, at least in part, but the data have not been reviewed or certified. Data in some data elements in these tables may be more complete than in others. These are advance data, subject to change.</i>
3	No	5	partly certified, all components	partly certified, all components	<i>The data for both major and minor components in the data mapunit object have been appropriately populated and the data have been reviewed. These data mapunits are typically associated with on-going projects. At least some of the data elements have been certified for use in specific applications. Other data elements in the object have advance data, subject to change.</i>
4	No	6	partly certified, major components	partly certified, major components	<i>The data for major components in the data mapunit object have been appropriately populated. Minor components are not intended for interpretation, and are populated with only a limited number of the most significant data elements. These data mapunits are typically associated with on-going projects. All the data have been reviewed, and at least some of the data elements have been certified for use in specific applications. Other data elements in the object have advance data, subject to change.</i>
5	No	7	partly certified, minimal data	partly certified, minimal data	<i>The data for major components in the data mapunit object have been populated and meet minimum standards, but some data elements are not appropriately populated. Minor components are not intended for interpretation, and are populated with only a limited number of the most significant data elements. These data mapunits are typically associated with initial soil surveys that were initiated years ago but are not yet completed. Data have received only a minimum amount of recent updating. The data mapunit does not have the level of quality and completeness equivalent to a recently populated dataset, but it is minimally acceptable. All the data have been reviewed, and at least some of the data elements have been certified for use in specific applications. Other data elements in the object are incomplete or have advance data, subject to change. Valid interpretations are available only for the major components with certified data elements, and some interpretations may be marginally valid.</i>
6	No	8	certified, all components	certified, all components	<i>The data for both major and minor components in the data mapunit object have been appropriately populated, reviewed, and certified for general use. Valid interpretations can be generated for all components.</i>
7	No	9	certified, major components	certified, major components	<i>The data for major components in the data mapunit object have been appropriately populated, reviewed, and certified for general use. Minor components are not intended for interpretation, and are populated with only a limited number of the most significant data elements. Valid interpretations can be generated for major components only.</i>
8	No	10	certified, minimal data	certified, minimal data	<i>The data for major components in the data mapunit object have been populated, reviewed, and certified for general use. Minor components are not intended for interpretation, and are populated with only a limited number of the most significant data elements. These data mapunits are typically associated with initial soil surveys that were completed years ago. Data was originally populated under less stringent standards than are in place today, and data have received only a minimum amount of recent updating. The data mapunit does not have the level of quality and completeness equivalent to a recently populated dataset, but it is minimally acceptable and certifiable. Interpretations can be generated for major components only, and some interpretations may be only marginally valid.</i>
9	Yes	3	partly certified	partly certified	<i>The data in the data map unit object have been appropriately populated and the data have been reviewed. At least some of the data elements have been certified for use in specific applications. Other data elements in the object have advance data, subject to change.</i>

NASIS 7.1.4 Domains

Domain Name: dmu_certification_status

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
10	Yes	4	certified	certified	<i>The data in the data map unit object have been appropriately populated, reviewed, and certified for general use.</i>

Domain Name: dmu_investigation_intensity

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	order 1	Order 1	
2	No	2	order 2	Order 2	
3	No	3	order 3	Order 3	
4	No	4	order 4	Order 4	
5	No	5	order 5	Order 5	

Domain Name: domain_ordering

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	choice	Choice	
2	No	3	explicit	Explicit	

Domain Name: drainage_class

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	excessively	Excessively drained	
2	No	2	somewhat excessively	Somewhat excessively drained	
3	No	3	well	Well drained	
4	No	4	moderately well	Moderately well drained	
5	No	5	somewhat poorly	Somewhat poorly drained	
6	No	6	poorly	Poorly drained	
7	No	7	very poorly	Very poorly drained	
8	No	8	subaqueous	Subaqueous	<i>Free water is above the soil surface. The occurrence of internal free water is permanent and there is a positive water potential at the soil surface for more than 21 hours of each day. The soils have a peraquic soil moisture regime.</i>

NASIS 7.1.4

Domains

Domain Name: drainage_pattern

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	annular	Annular	<i>A drainage pattern in which subsequent streams follow a roughly circular or concentric path along a belt of weak rocks, resembling in plan view, a ring-like pattern where the bedrock joints or fracturing control the parallel tributaries. It is best displayed in streams draining a maturely dissected granitic or sedimentary structural dome or basin where erosion has exposed rimming sedimentary strata of greatly varying degrees of hardness, as in the Red Valley which nearly encircles the domal structure of the Black Hills, SD.</i>
2	No	2	artificial	Artificial	<i>Human-made networks of drainage structures (ditches, canals, etc.) built primarily to lower or control the local water table in low lying, flat topography such as glacial lakebeds, broad flood plains, low coastal plains, or marshes most commonly in humid climates. (Irrigation ditches found in arid and semiarid climates, which bring water into the fields, should not be confused with drainage structures).</i>
3	No	3	centripetal	Centripetal	<i>A drainage pattern in which the streams converge inward toward a central depression; generally indicative of a structural basin, volcanic crater, caldera, breached dome, bolson, or the end of an eroded anticline or syncline.</i>
4	No	4	dendritic	Dendritic	<i>A common drainage pattern in which the tributaries join the gently curving mainstream at acute angles, resembling in plan view the branching habit of an oak or chestnut tree; it is produced where a consequent stream receives several tributaries which in turn are fed by smaller tributaries. It indicates streams flowing across horizontal rock strata and homogenous soil typified by the landforms of soft sedimentary rocks, volcanic tuff, old dissected coastal plains, or complex crystalline rocks offering uniform resistance to erosion.</i>
5	No	5	deranged	Deranged	<i>A distinctively disordered drainage pattern of nonintegrated streams which indicates a complete lack of underlying structural and bedrock control, resulting from a relatively young landscape having a flat or undulating topographic surface and a high water table. It is characterized by relatively few, irregular streams with few, short tributaries, that flow into and out of depressions containing swamps, bogs, marshes, ponds, or lakes; interstream areas are swampy. Regional streams may meander through the area but do not influence its drainage. These drainage patterns commonly occur on young, thick till plains, end moraines, flood plains, and coastal plains.</i>
6	No	6	karst	Karst	<i>A drainage pattern that lacks an integrated drainage system associated with soluble rocks with little or no surface drainage but a considerable underground, internal drainage system; characteristic of karst landscapes underlain by limestone, gypsum or salt.</i>
7	No	7	parallel	Parallel	<i>A drainage pattern in which the streams and their tributaries are regularly spaced and flow parallel or subparallel to one another and tributaries characteristically join the mainstream at approximately the same angle, over a considerable area. It is indicative of a region having a pronounced, uniform slope and a homogeneous lithology and rock structure, such as young coastal plains and large basalt flows.</i>
8	No	8	pinnate	Pinnate	<i>A variation of the dendritic drainage pattern in which the main stream receives many closely spaced, subparallel tributaries that join it at slightly acute angles upstream, resembling in plan a feather. They typically form on steep slopes with soils that have a high silt content, such as loess landscapes or fine-textured flood plains.</i>
9	No	9	radial	Radial	<i>A drainage pattern in which consequent streams radiate or diverge outward, like the spokes of a wheel from a high central area.; a major collector stream is usually found in a curvilinear alignment around the bottom of the elevated topographic feature. It is best developed on the slopes of a young domal structure, a volcanic cone, or isolated hills (erosional remnant).</i>

NASIS 7.1.4

Domains

Domain Name: drainage_pattern

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
10	No	10	rectangular	Rectangular	<i>A drainage pattern in which the tributaries join the main streams at right-angles, and exhibit sections of approximately the same length which form rectangular shapes; it is indicative of streams following prominent bedrock fault, joint, or foliation systems that break the rocks into rectangular blocks. It is more irregular than the trellis drainage pattern, as the side streams are not perfectly parallel and not necessarily as conspicuously elongated, and secondary tributaries need not be present. The stronger or more harsh the pattern, the thinner the soil cover. These patterns commonly form in slate, schist, and gneiss, in resistive sandstone in arid climates, or in sandstone in humid climates if little soil has developed.</i>
11	No	11	thermokarst	Thermokarst	<i>Drainage patterns that form polygonal and hexagonal shapes with streams that may connect rounded depressions, exhibiting a beaded appearance; developed in poorly drained, fine-grained sediments and in organic materials in regions of permafrost. Freezing causes many cracks to develop; thawing causes slumping, settlement, and depressions. This type of drainage pattern with its associated hexagons and beaded ponds indicates the existence or previous presence of permafrost conditions.</i>
12	No	12	trellis	Trellis	<i>A drainage pattern characterized by parallel main streams intersected at, or nearly at, right angles by their tributaries, which in turn are fed by elongated secondary tributaries and short gullies parallel to the main streams, resembling, in plan view, the stems of a vine on a trellis. This pattern indicates marked bedrock structural control rather than a type of bedrock and usually indicates in which the main parallel channels follow the strike of the beds. It is commonly developed where the beveled edges of alternating hard and soft rocks outcrop in parallel belts, as in tilted, interbedded sedimentary rocks in a rejuvenated folded-mountain region or in a maturely dissected belted coastal plain of tilted strata.</i>

Domain Name: earth_cover_kind_level_one

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	artificial cover	Artificial cover	<i>Nonvegetative cover either made or modified by human activity and prohibiting or restricting vegetative growth and water penetration.</i>
2	No	2	barren land	Barren land	<i>Nonvegetative natural cover often having a limited capacity to support vegetation - including construction sites (<5% vegetated).</i>
3	No	3	crop cover	Crop cover	<i>The full cycle, including land preparation and post-harvest residue cover of annual or perennial herbaceous plants that are cultivated or harvested, or both, for the production of food, feed, oil, and fiber other than wood, and excluding hay and pasture.</i>
4	No	4	grass/herbaceous cover	Grass/herbaceous cover	<i>Non-woody vegetative cover composed of annual or perennial grasses, grass-like plants (sedges/rushes), forbs (including alfalfa and clovers), lichens, mosses, and ferns (>75% grass, grass-like, forb cover).</i>
5	Yes	8	other	Other	
6	No	5	shrub cover	Shrub cover	<i>Vegetative cover composed of multi-stemmed and single-stemmed woody plants that attain a mature height of less than four meters (>50% shrub canopy cover).</i>

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Domains

Domain Name: earth_cover_kind_level_one

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
7	No	6	tree cover	Tree cover	<i>Vegetative cover recognized as woody plants which usually have one perennial stem, a definitely formed crown of foliage, and a mature height of at least four meters (including ornamentals and Christmas trees) (>25% tree canopy cover).</i>
8	No	7	water cover	Water cover	<i>Earth covered by water in a fluid state. This includes seasonally frozen areas.</i>
9	Yes	10	wetlands	Wetlands	
10	Yes	9	wetlands, drained	Wetlands, drained	

Domain Name: earth_cover_kind_level_two

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	row crop	Row crop	<i>e.g. corn, soybeans, cotton, tomatoes and other truck crops, tulips</i>
2	No	2	close-grown crop	Close-grown crop	<i>Wheat, rice, oats, rye, etc.</i>
3	No	3	rangeland, grassland	Grassland rangeland	<i>(<10% trees, <20% shrubs) - includes rangeland used for hayland - bluestems, mixed midgrasses, shortgrass, etc.</i>
4	No	4	rangeland, savanna	Savanna rangeland	<i>10 to 25% tree cover</i>
5	No	5	rangeland, shrubby	Shrubby rangeland	<i>(20 to 50% shrub cover) - sumac, sagebrush, mesquite</i>
6	No	6	rangeland, tundra	Tundra rangeland	
7	No	7	pastureland, tame	Tame pastureland	<i>Fescues, brome grass, timothy, lespedeza, etc.</i>
8	No	8	hayland	Hayland	<i>Fescues, brome grass, timothy, alfalfa, etc.</i>
9	No	9	marshland	Marshland	<i>grass, grass-like plants</i>
10	No	10	other grass/herbaceous cover	Other grass/herbaceous cover	
11	No	11	crop trees	Crop trees	<i>e.g. apples, pecans, date palms, citrus, ornamental nursery stock, Christmas trees</i>
12	No	12	conifers	Conifers	<i>Spruce, Douglas-fir, pine, etc.</i>
13	No	13	hardwoods	Hardwoods	<i>Oak, hickory, elm, aspen, etc.</i>
14	No	14	intermixed conifers and hardwoods	Intermixed conifers and hardwoods	<i>e.g. oak-pine mix</i>
15	No	15	tropical	Tropical	<i>Mangrove, royal palm, etc.</i>
16	No	16	swamp	Swamp	<i>shrubs and trees</i>
17	No	17	other tree cover	Other tree cover	
18	No	18	crop shrubs	Crop shrubs	<i>Filbert, blueberry, and ornamentals, etc. as nursery stock</i>
19	No	19	crop vines	Crop vines	<i>e.g. grapes, blackberries, raspberries</i>
20	No	20	native shrubs	Native shrubs	<i>e.g. creosotebush, shrub live oak, sagebrush, mesquite (including rangeland with >50% shrub cover)</i>
21	No	21	other shrub cover	Other shrub cover	<i>e.g. kudzu, cacti, yucca</i>
22	No	22	rock	Rock	

NASIS 7.1.4

Domains

Domain Name: earth_cover_kind_level_two

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
23	No	23	sand and gravel	Sand and gravel	
24	No	24	culturally induced barren	Culturally induced barren	<i>saline seeps, mines, quarries, oil-waste, etc.</i>
25	No	25	permanent snow and ice	Permanent snow and ice	
26	No	26	other barren	Other barren	<i>salt flats, slickspots, mud flats, badlands, etc.; excludes those in culturally induced earth cover</i>
27	No	27	rural transportation	Rural transportation	<i>Highways, railroads, etc.</i>
28	No	28	urban and built-up	Urban and built-up	<i>Cities, towns, farmsteads, industrial sites</i>

Domain Name: ecological_site_lru

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	A	A	
2	No	2	B	B	
3	No	3	C	C	
4	No	4	D	D	
5	No	5	E	E	
6	No	6	F	F	
7	No	7	G	G	
8	No	8	H	H	
9	No	9	I	I	
10	No	10	J	J	
11	No	11	K	K	
12	No	12	L	L	
13	No	13	M	M	
14	No	14	N	N	
15	No	15	O	O	
16	No	16	P	P	
17	No	17	Q	Q	
18	No	18	R	R	
19	No	19	S	S	
20	No	20	T	T	
21	No	21	U	U	
22	No	22	V	V	
23	No	23	W	W	
24	No	24	X	X	

NASIS 7.1.4 Domains

Domain Name: ecological_site_lru

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
25	No	25	Y	Y	
26	No	26	Z	Z	

Domain Name: ecological_site_mlra

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	001X	001X	
2	No	2	002X	002X	
3	No	3	003X	003X	
4	No	271	004A	004A	
5	No	272	004B	004B	
6	Yes	4	004X	004X	
7	No	5	005X	005X	
8	No	6	006X	006X	
9	No	7	007X	007X	
10	No	8	008X	008X	
11	No	9	009X	009X	
12	Yes	11	010A	010A	
13	No	10	010X	010X	
14	Yes	13	011A	011A	
15	Yes	14	011B	011B	
16	No	12	011X	011X	
17	No	15	012X	012X	
18	No	16	013X	013X	
19	No	17	014X	014X	
20	No	18	015X	015X	
21	No	19	016X	016X	
22	No	20	017X	017X	
23	No	21	018X	018X	
24	No	22	019X	019X	
25	No	23	020X	020X	
26	No	24	021X	021X	
27	No	273	022A	022A	
28	No	274	022B	022B	

NASIS 7.1.4 Domains

Domain Name: ecological_site_mlra

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
29	Yes	25	022X	022X	
30	No	26	023X	023X	
31	No	27	024X	024X	
32	No	28	025X	025X	
33	No	29	026X	026X	
34	No	30	027X	027X	
35	No	31	028A	028A	
36	No	32	028B	028B	
37	No	33	029X	029X	
38	No	34	030X	030X	
39	No	35	031X	031X	
40	No	36	032X	032X	
41	Yes	37	033X	033X	
42	No	275	034A	034A	
43	No	276	034B	034B	
44	Yes	38	034X	034X	
45	No	39	035X	035X	
46	Yes	41	036A	036A	
47	Yes	42	036B	036B	
48	No	40	036X	036X	
49	Yes	43	037X	037X	
50	No	44	038X	038X	
51	No	45	039X	039X	
52	No	46	040X	040X	
53	No	47	041X	041X	
54	Yes	49	042A	042A	
55	Yes	50	042B	042B	
56	Yes	51	042C	042C	
57	No	48	042X	042X	
58	No	277	043A	043A	
59	No	278	043B	043B	
60	No	279	043C	043C	
61	Yes	52	043X	043X	
62	No	344	044A	044A	
63	No	345	044B	044B	

NASIS 7.1.4 Domains

Domain Name: ecological_site_mlra

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
64	Yes	53	044X	044X	
65	No	54	046X	046X	
66	No	55	047X	047X	
67	No	56	048A	048A	
68	No	57	048B	048B	
69	Yes	59	049A	049A	
70	Yes	60	049B	049B	
71	No	58	049X	049X	
72	No	61	051X	051X	
73	No	62	052X	052X	
74	No	63	053A	053A	
75	No	64	053B	053B	
76	No	269	053C	053C	
77	No	65	054X	054X	
78	No	66	055A	055A	
79	No	67	055B	055B	
80	No	68	055C	055C	
81	No	69	056X	056X	
82	No	70	057X	057X	
83	No	71	058A	058A	
84	No	72	058B	058B	
85	No	73	058C	058C	
86	No	74	058D	058D	
87	No	75	060A	060A	
88	No	76	060B	060B	
89	No	77	061X	061X	
90	No	78	062X	062X	
91	No	79	063A	063A	
92	No	80	063B	063B	
93	No	81	064X	064X	
94	No	82	065X	065X	
95	No	83	066X	066X	
96	No	280	067A	067A	
97	No	281	067B	067B	
98	Yes	84	067X	067X	

NASIS 7.1.4 Domains

Domain Name: ecological_site_mlra

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
99	No	85	069X	069X	
100	No	87	070A	070A	
101	No	88	070B	070B	
102	No	89	070C	070C	
103	No	90	070D	070D	
104	Yes	91	070E	070E	
105	Yes	86	070X	070X	
106	No	92	071X	071X	
107	No	93	072X	072X	
108	No	94	073X	073X	
109	No	95	074X	074X	
110	No	96	075X	075X	
111	No	97	076X	076X	
112	No	99	077A	077A	
113	No	100	077B	077B	
114	No	101	077C	077C	
115	No	102	077D	077D	
116	No	103	077E	077E	
117	Yes	98	077X	077X	
118	No	105	078A	078A	
119	No	106	078B	078B	
120	No	107	078C	078C	
121	Yes	108	078D	078D	
122	Yes	104	078X	078X	
123	No	109	079X	079X	
124	No	110	080A	080A	
125	No	111	080B	080B	
126	No	112	081A	081A	
127	No	113	081B	081B	
128	No	114	081C	081C	
129	No	115	081D	081D	
130	Yes	270	081X	081X	
131	No	117	082A	082A	
132	No	118	082B	082B	
133	Yes	116	082X	082X	

NASIS 7.1.4 Domains

Domain Name: ecological_site_mlra

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
134	No	119	083A	083A	
135	No	120	083B	083B	
136	No	121	083C	083C	
137	No	122	083D	083D	
138	No	282	083E	083E	
139	No	123	084A	084A	
140	No	124	084B	084B	
141	No	125	084C	084C	
142	Yes	127	085A	085A	
143	Yes	128	085B	085B	
144	No	126	085X	085X	
145	No	130	086A	086A	
146	No	131	086B	086B	
147	Yes	129	086X	086X	
148	No	133	087A	087A	
149	No	134	087B	087B	
150	Yes	132	087X	087X	
151	No	135	088X	088X	
152	No	283	089X	089X	
153	No	284	090A	090A	
154	No	285	090B	090B	
155	Yes	136	090X	090X	
156	No	286	091A	091A	
157	No	287	091B	091B	
158	Yes	137	091X	091X	
159	No	138	092X	092X	
160	No	288	093A	093A	
161	No	289	093B	093B	
162	Yes	139	093X	093X	
163	No	140	094A	094A	
164	No	141	094B	094B	
165	No	290	094C	094C	
166	No	291	094D	094D	
167	No	142	095A	095A	
168	No	143	095B	095B	

NASIS 7.1.4 Domains

Domain Name: ecological_site_mlra

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
169	No	144	096X	096X	
170	No	145	097X	097X	
171	No	146	098X	098X	
172	No	147	099X	099X	
173	Yes	148	100X	100X	
174	No	149	101X	101X	
175	No	150	102A	102A	
176	No	151	102B	102B	
177	No	152	102C	102C	
178	No	153	103X	103X	
179	No	154	104X	104X	
180	No	155	105X	105X	
181	No	156	106X	106X	
182	No	292	107A	107A	
183	No	293	107B	107B	
184	Yes	157	107X	107X	
185	No	159	108A	108A	
186	No	160	108B	108B	
187	No	161	108C	108C	
188	No	162	108D	108D	
189	Yes	158	108X	108X	
190	No	163	109X	109X	
191	No	164	110X	110X	
192	No	294	111A	111A	
193	No	295	111B	111B	
194	No	296	111C	111C	
195	No	297	111D	111D	
196	No	298	111E	111E	
197	Yes	165	111X	111X	
198	No	166	112X	112X	
199	No	167	113X	113X	
200	No	299	114A	114A	
201	No	300	114B	114B	
202	Yes	168	114X	114X	
203	No	170	115A	115A	

NASIS 7.1.4 Domains

Domain Name: ecological_site_mlra

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
204	No	171	115B	115B	
205	No	172	115C	115C	
206	Yes	169	115X	115X	
207	No	173	116A	116A	
208	No	174	116B	116B	
209	No	301	116C	116C	
210	No	175	117X	117X	
211	No	177	118A	118A	
212	No	178	118B	118B	
213	Yes	176	118X	118X	
214	No	179	119X	119X	
215	No	302	120A	120A	
216	No	303	120B	120B	
217	No	343	120C	120C	
218	Yes	180	120X	120X	
219	No	181	121X	121X	
220	No	182	122X	122X	
221	No	183	123X	123X	
222	No	184	124X	124X	
223	No	185	125X	125X	
224	No	186	126X	126X	
225	No	187	127X	127X	
226	No	188	128X	128X	
227	No	189	129X	129X	
228	No	304	130A	130A	
229	No	305	130B	130B	
230	Yes	190	130X	130X	
231	No	306	131A	131A	
232	No	307	131B	131B	
233	No	308	131C	131C	
234	No	309	131D	131D	
235	Yes	191	131X	131X	
236	No	192	133A	133A	
237	No	193	133B	133B	
238	No	194	134X	134X	

NASIS 7.1.4 Domains

Domain Name: ecological_site_mlra

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
239	No	310	135A	135A	
240	No	311	135B	135B	
241	Yes	195	135X	135X	
242	No	196	136X	136X	
243	No	197	137X	137X	
244	No	198	138X	138X	
245	No	199	139X	139X	
246	No	200	140X	140X	
247	No	201	141X	141X	
248	No	202	142X	142X	
249	No	203	143X	143X	
250	No	204	144A	144A	
251	No	205	144B	144B	
252	No	206	145X	145X	
253	No	207	146X	146X	
254	No	208	147X	147X	
255	No	209	148X	148X	
256	No	210	149A	149A	
257	No	211	149B	149B	
258	No	212	150A	150A	
259	No	213	150B	150B	
260	No	214	151X	151X	
261	No	215	152A	152A	
262	No	216	152B	152B	
263	No	217	153A	153A	
264	No	218	153B	153B	
265	No	219	153C	153C	
266	No	220	153D	153D	
267	No	221	154X	154X	
268	No	222	155X	155X	
269	No	223	156A	156A	
270	No	224	156B	156B	
271	No	225	157X	157X	
272	No	226	158X	158X	
273	No	312	159A	159A	

NASIS 7.1.4 Domains

Domain Name: ecological_site_mlra

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
274	No	313	159B	159B	
275	Yes	227	159X	159X	
276	No	228	160X	160X	
277	No	314	161A	161A	
278	No	315	161B	161B	
279	Yes	229	161X	161X	
280	No	230	162X	162X	
281	No	231	163X	163X	
282	No	232	164X	164X	
283	No	233	165X	165X	
284	No	234	166X	166X	
285	No	235	167X	167X	
286	Yes	236	168X	168X	
287	Yes	237	169X	169X	
288	Yes	238	170X	170X	
289	Yes	239	171X	171X	
290	Yes	240	172X	172X	
291	Yes	241	173X	173X	
292	Yes	242	174X	174X	
293	Yes	243	175X	175X	
294	Yes	244	176X	176X	
295	Yes	245	177X	177X	
296	Yes	246	178X	178X	
297	Yes	247	179X	179X	
298	Yes	248	180X	180X	
299	Yes	249	181X	181X	
300	Yes	250	182X	182X	
301	No	251	190X	190X	
302	No	252	191X	191X	
303	No	253	192X	192X	
304	No	254	193X	193X	
305	No	255	194X	194X	
306	No	256	195X	195X	
307	No	257	196X	196X	
308	No	258	197X	197X	

NASIS 7.1.4 Domains

Domain Name: ecological_site_mlra

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
309	Yes	259	198X	198X	
310	Yes	260	199X	199X	
311	Yes	261	200X	200X	
312	Yes	262	201X	201X	
313	Yes	263	202X	202X	
314	Yes	264	203X	203X	
315	No	316	220X	220X	
316	No	317	221X	221X	
317	No	318	222X	222X	
318	No	319	223X	223X	
319	No	320	224X	224X	
320	No	321	225X	225X	
321	No	322	226X	226X	
322	No	323	227X	227X	
323	No	324	228X	228X	
324	No	325	229X	229X	
325	No	326	230X	230X	
326	No	327	231X	231X	
327	No	328	232X	232X	
328	No	329	233X	233X	
329	No	330	234X	234X	
330	No	331	235X	235X	
331	No	332	236X	236X	
332	No	333	237X	237X	
333	No	334	238X	238X	
334	No	335	239X	239X	
335	No	336	240X	240X	
336	No	337	241X	241X	
337	No	338	242X	242X	
338	No	339	243X	243X	
339	No	340	244X	244X	
340	No	341	245X	245X	
341	No	342	246X	246X	
342	No	265	270X	270X	
343	No	266	271X	271X	

NASIS 7.1.4 Domains

Domain Name: ecological_site_mlra

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
344	No	267	272X	272X	
345	No	268	273X	273X	

Domain Name: ecological_site_origin

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	esd - current	ESD - current	<i>The ecological site record currently exists in the ESD System.</i>
2	No	2	esd - obsolete	ESD - obsolete	<i>The ecological site once existed in the ESD System, but no longer does.</i>
3	No	3	unknown	Unknown	<i>The ecological site record is of unknown origin, but it did not come from ESIS.</i>

Domain Name: ecological_site_type

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	F	Forestland	<i>Sites where the historic climax vegetation was dominated by at least 25% overstory tree canopy as determined by crown perimeter vertical projection.</i>
2	No	2	R	Rangeland	<i>Sites where the overstory tree production was not significant (<25%) in the historic climax vegetation.</i>

Domain Name: editor_site

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	portland, or	Portland, OR	
2	No	2	davis, ca	Davis, CA	
3	No	3	reno, nv	Reno, NV	
4	No	4	bozeman, mt	Bozeman, MT	
5	No	5	salina, ks	Salina, KS	
6	No	6	lakewood, co	Lakewood, CO	
7	No	7	bismarck, nd	Bismarck, ND	
8	No	8	phoenix, az	Phoenix, AZ	
9	No	9	temple, tx	Temple, TX	
10	No	10	st. paul, mn	St. Paul, MN	
11	No	11	indianapolis, in	Indianapolis, IN	
12	No	12	amherst, ma	Amherst, MA	
13	No	13	morgantown, wv	Morgantown, WV	
14	No	14	raleigh, nc	Raleigh, NC	

NASIS 7.1.4 Domains

Domain Name: editor_site

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
15	No	15	auburn, al	Auburn, AL	
16	No	16	little rock, ar	Little Rock, AR	
17	No	17	palmer, ak	Palmer, AK	
18	No	18	lexington, ky	Lexington, KY	
19	No	19	nssc	NSSC	

Domain Name: effervescence_agent

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	2	HCL, 1N	HCl, 1 normal	<i>1 normal hydrogen chloride.</i>
2	No	5	HCL, 3N	HCl, 3 normal	<i>3 normal hydrogen chloride.</i>
3	No	6	HCL, 6N	HCL, 6 normal	
4	No	1	HCL, unspecified	HCl, unspecified	<i>Hydrogen chloride of unspecified concentration.</i>
5	Yes	3	hydrogen peroxide, 3-4%	Hydrogen peroxide, 3 to 4 percent	<i>Hydrogen peroxide, 3 to 4 percent concentration.</i>
6	Yes	4	hydrogen peroxide, unspecified	Hydrogen peroxide, unspecified	<i>Hydrogen peroxide of unspecified concentration.</i>

Domain Name: effervescence_agent_mn

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	hydrogen peroxide, 3-4%	Hydrogen peroxide, 3 to 4 percent	<i>Hydrogen peroxide, 3 to 4 percent concentration.</i>
2	No	2	hydrogen peroxide, unspecified	Hydrogen peroxide, unspecified	<i>Hydrogen peroxide of unspecified concentration.</i>

Domain Name: effervescence_class

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	5	none	Noneffervescent	<i>No bubbles seen. (SSM)</i>
2	No	1	very slight	Very slightly effervescent	<i>Few bubbles seen. (SSM)</i>
3	No	2	slight	Slightly effervescent	<i>Bubbles readily seen. (SSM)</i>
4	No	3	strong	Strongly effervescent	<i>Bubbles form low foam. (SSM)</i>
5	No	4	violent	Violently effervescent	<i>Thick foam forms quickly. (SSM)</i>

NASIS 7.1.4 Domains

Domain Name: effervescence_location

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	Yes	1	between sand grains	Between sand grains	
2	Yes	7	bottoms of plates	On bottoms of plates	
3	Yes	10	faces of peds	On faces of peds	
4	Yes	4	horizontal faces of peds	On horizontal faces of peds	
5	Yes	6	lower surfaces of peds	On lower surfaces of peds	
6	Yes	18	lower surfaces of peds or rocks	On lower surfaces of peds or rocks	
7	Yes	9	on concretions	On concretions	
8	Yes	8	on nodules	On nodules	
9	Yes	11	on rock fragments	On rock fragments	
10	Yes	12	on sand and gravel	On sand and gravel	
11	Yes	17	root channels and/or pores	In root channels and/or pores	
12	Yes	3	surfaces along pores	On surfaces along pores	
13	Yes	5	surfaces along root channels	On surfaces along root channels	
14	Yes	13	throughout	Throughout	
15	Yes	2	tops of columns	On tops of columns	
16	Yes	14	upper surfaces of peds	On upper surfaces of peds	
17	Yes	19	upper surfaces of peds or rocks	On upper surfaces of peds or rocks	
18	Yes	16	vertical and horizontal faces of peds	On vertical and horizontal faces of peds	
19	Yes	15	vertical faces of peds	On vertical faces of peds	

Domain Name: elec_cond_method

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	Yes	3	colormetric	Colormetric	
2	No	1	ec meter, 1:1 water	EC meter, 1:1 water	<i>Either a pocket or desktop model.</i>
3	No	2	ec meter, saturated paste	EC meter, saturated paste	<i>Either a pocket or desktop model.</i>
4	Yes	4	electromagnetic induction	Electromagnetic induction	<i>e.g. EM38 meter</i>
5	No	5	salinity probe	Salinity probe	<i>4 electrode method, either in a side-by-side or vertical arrangement</i>

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Domain Name: erosion_accelerated_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	Yes	1	landslip erosion highly deformed	Highly deforming landslip erosion	
2	Yes	2	landslip erosion slightly deformed	Slightly deforming landslip erosion	
3	Yes	8	water erosion	Water erosion	<i>Soil removal by running water.</i>
4	No	5	water erosion gully	Gully erosion	<i>Gully erosion is the consequence of water that cuts down into the soil along the line of water concentration and flow. The resulting channels cannot be obliterated by ordinary tillage operations. (SSM)</i>
5	No	4	water erosion rill	Rill erosion	<i>Rill erosion is the removal of soil through the cutting of many small, but conspicuous channels where runoff concentrates. The channels are shallow enough that they can be obliterated with normal tillage operations. (SSM)</i>
6	No	3	water erosion sheet	Sheet erosion	<i>The more or less uniform removal of soil from an area without the development of conspicuous water channels. (SSM)</i>
7	No	6	water erosion tunnel	Tunnel erosion	<i>The removal of soil by the formation of subsurface tunnels (often referred to as piping). Free water enters the soil through macropores such as large desiccation cracks or rodent burrows. The tunnels tend to enlarge and coalesce.</i>
8	Yes	9	wind and water erosion	Wind and water erosion	
9	No	7	wind erosion	Wind erosion	<i>Deflation by wind.</i>

Domain Name: erosion_class

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	0	None - deposition	<i>No apparent erosion has occurred. Deposition of soil sediment removed from other areas may have occurred.</i>
2	No	2	1	Class 1	<i>The soil has lost on the average <25% of the original A and/or E horizons, or of the uppermost 20 cm if the original A and/or E horizons were less than 20 cm thick. (SSM)</i>
3	No	3	2	Class 2	<i>The soil has lost, on the average, 25 to 75 percent of the original A and/or E horizons, or of the uppermost 20 cm if the original A and/or E horizons were less than 20 cm thick.</i>
4	No	4	3	Class 3	<i>The soil has lost, on the average, more than 75 percent of the original A and/or E horizon, or of the uppermost 20 cm if the original A and/or E horizons were less than 20 cm thick. (SSM)</i>
5	No	5	4	Class 4	<i>The soil has lost all of the original A and/or E horizons, or the uppermost 20 cm if the original A and/or E horizons were less than 20 cm thick. Some of the original underlying material may have also been removed. (SSM)</i>

Domain Name: erosion_class_legacy

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	moderate or less	Moderate or less	<i>Encompasses erosion classes 1 and 2.</i>

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Domain Name: erosion_class_legacy

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
2	No	2	severe or greater	Severe or greater	<i>Encompasses erosion classes 3 and greater.</i>

Domain Name: evaluation_type

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	ArbitraryCurve	ArbitraryCurve	
2	No	2	ArbitraryLinear	ArbitraryLinear	
3	No	3	Beta	Beta	
4	No	4	Crisp	Crisp	
5	No	5	Gauss	Gauss	
6	No	11	IsNull	IsNull	
7	No	6	Linear	Linear	
8	No	7	PI	PI	
9	No	8	Sigmoid	Sigmoid	
10	No	9	Trapezoid	Trapezoid	
11	No	10	Triangle	Triangle	

Domain Name: excavation_difficulty_class

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	low	Low	<i>Excavations can be made with a spade using arm-applied pressure only. Neither application of impact energy nor application of foot pressure is necessary.</i>
2	No	2	moderate	Moderate	<i>Excavation can be accomplished quite easily by application of impact energy with a spade or by foot applied pressure.</i>
3	No	3	high	High	<i>Excavation with a spade can be accomplished with difficulty. Excavation is easily possible with a full length pick, using an over-the-head swing.</i>
4	No	4	very high	Very high	<i>Excavation with a full length pick using an over-the-head swing is moderately to markedly difficult. Excavation is possible in a reasonable period of time with a backhoe mounted on a 40 to 60 kW (50-80 hp) tractor.</i>
5	No	5	extremely high	Extremely high	<i>Excavation cannot be accomplished in a resonable time period with a backhoe mounted on a 40 to 60 kW (50-80 hp) tractor.</i>

Domain Name: export_certification_status

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
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NASIS 7.1.4 Domains

Domain Name: export_certification_status

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	9	status unknown, record inserted during conversion	status unknown, record inserted during conversion	
2	No	1	not certified	not certified	<i>The legend and data mapunits to be included in the export file have been appropriately populated, at least in part, but have not been reviewed or certified. These are advance data, subject to change.</i>
3	No	4	partly certified, all components	partly certified, all components	<i>This certification applies to the whole export package as a single entity. This certification applies to the whole export package as a single entity. The legend and data mapunits to be included in the export file have been appropriately populated (both major and minor components) and the data elements have been reviewed. These datasets are typically exports from on-going projects. At least some of the data elements have been certified for use in specific applications. Other data elements in the export have advance data, subject to change. Both major and minor components are intended for interpretation. The components with uncertified data elements may not have valid interpretations.</i>
4	No	5	partly certified, major components	partly certified, major components	<i>This certification applies to the whole export package as a single entity. The legend and data mapunits to be included in the export file have been appropriately populated (major components only) and the data elements have been reviewed. Minor components are not intended for interpretation, and are populated with only a limited number of data elements. These datasets are typically exports from on-going projects. At least some of the data elements have been certified for use in specific applications. Other data elements in the export have advance data, subject to change. The major components with uncertified data elements may not have valid interpretations. Minor components are not sufficiently populated to allow valid interpretations.</i>
5	No	6	certified, all components	certified, all components	<i>This certification applies to the whole export package as a single entity. The legend and data mapunits to be included in the export file have been appropriately populated, reviewed, and certified for general use. Both major and minor components are fully populated. These datasets are typically exports from completed projects. Valid interpretations are available for both major and minor components.</i>
6	No	7	certified, major components	certified, major components	<i>This certification applies to the whole export package as a single entity. The legend and data mapunits to be included in the export file have been appropriately populated (major components only). Minor components are not intended for interpretation, and are populated with only a limited number of data elements. Data have been reviewed and certified for general use. These datasets are typically exports from completed projects. Valid interpretations are available for major components only.</i>
7	No	8	certified, minimal data	certified, minimal data	<i>This certification applies to the whole export package as a single entity. The legend and data mapunits to be included in the export file have been populated (major components only). Minor components are not intended for interpretation, and are populated with only a limited number of data elements. Data have been reviewed and certified for general use. These datasets are typically exports from initial soil surveys that were completed years ago. Data was originally populated under less stringent standards than are in place today, and data have received only a minimum amount of recent updating. The data in the export does not have the level of quality and completeness equivalent to a recently populated dataset, but it is minimally acceptable and certifiable. Valid interpretations are available for all soil map units but for major components only, and some interpretations may be marginally valid.</i>

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Domain Name: export_certification_status

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
8	Yes	2	partly certified	partly certified	<i>The legend and data mapunits to be included in the export file have been appropriately populated and the data have been reviewed. At least some of the data elements have been certified for use in specific applications. Other data elements in the export have advance data, subject to change.</i>
9	Yes	3	fully certified	fully certified	<i>This certification applies to the whole export package as a single entity.</i> <i>The legend and data mapunits to be included in the export file have been appropriately populated, reviewed, and certified for general use.</i> <i>This certification applies to the whole export package as a single entity.</i>

Domain Name: export_target

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	ssurgo	SSURGO	<i>The traditional ASCII SSURGO export.</i>
2	No	2	staging server	Staging Server	

Domain Name: extra_moisture_source

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	none	None	<i>No substantial extra moisture is received on the site other than natural precipitation.</i>
2	No	2	irrigation	Irrigation	<i>Extra moisture is received on the site due to irrigation.</i>
3	No	3	water table	Water table	<i>Extra moisture is available to plants due to the presence of a water table within the root zone.</i>
4	No	4	position	Position	<i>Extra moisture is received on the site due to run in from surrounding areas - e.g. toeslopes or depressions.</i>
5	No	5	contour planting	Contour planting	<i>Extra moisture is held on site due to contour planting reducing runoff.</i>
6	No	6	fog drip	Fog drip	<i>Extra moisture is received on the site due to the significant presence of fog that condenses on vegetation and drips to the ground.</i>
7	No	7	flooding	FLooding	<i>Extra moisture received on the site from streambank overflow of nearby streams.</i>

Domain Name: farmland_class_secondary

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	30	Farmland of statewide importance	<i>Farmland of statewide importance.</i>
2	No	2	32	Farmland of statewide importance, if drained	<i>Farmland of statewide importance, if drained.</i>

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Domain Name: farmland_class_secondary

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
3	No	3	35	Farmland of statewide importance, if drained and either protected from flooding or not frequently flooded during the growing season	
4	No	4	41	Farmland of statewide importance, if drained or either protected from flooding or not frequently flooded during the growing season	
5	No	5	34	Farmland of statewide importance, if irrigated	
6	No	6	36	Farmland of statewide importance, if irrigated and drained	
7	No	7	37	Farmland of statewide importance, if irrigated and either protected from flooding or not frequently flooded during the growing season	
8	No	8	40	Farmland of statewide importance, if irrigated and reclaimed of excess salts and sodium	
9	No	9	39	Farmland of statewide importance, if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60	
10	No	10	33	Farmland of statewide importance, if protected from flooding or not frequently flooded during the growing season	
11	No	11	38	Farmland of statewide importance, if subsoiled, completely removing the root inhibiting soil layer	
12	No	12	44	Farmland of statewide importance, if thawed	

NASIS 7.1.4 Domains

Domain Name: farmland_class_secondary

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
13	No	13	43	Farmland of statewide importance, if warm enough	
14	No	14	42	Farmland of statewide importance, if warm enough, and either drained or either protected from flooding or not frequently flooded during the growing season	
15	No	15	50	Farmland of local importance	<i>Farmland of local importance.</i>
16	No	16	54	Farmland of local importance, if irrigated	
17	No	17	70	Farmland of unique importance	<i>Farmland of unique importance.</i>

Domain Name: farmland_classification

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	0	Not prime farmland	<i>Not prime farmland.</i>
2	No	2	1	All areas are prime farmland	<i>All areas are prime farmland.</i>
3	No	3	2	Prime farmland if drained	<i>Prime farmland if drained.</i>
4	No	4	3	Prime farmland if protected from flooding or not frequently flooded during the growing season	<i>Prime farmland if protected from flooding, or not frequently flooded during the growing season.</i>
5	No	5	4	Prime farmland if irrigated	<i>Prime farmland if irrigated.</i>
6	No	6	5	Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season	<i>Prime farmland if drained and either protected from flooding, or not frequently flooded during the growing season.</i>
7	No	7	6	Prime farmland if irrigated and drained	<i>Prime farmland if irrigated and drained.</i>
8	No	8	7	Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season	<i>Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season.</i>
9	No	9	8	Prime farmland if subsoiled, completely removing the root inhibiting soil layer	<i>Prime farmland if subsoiled, completely removed the root inhibiting soil layer.</i>

NASIS 7.1.4 Domains

Domain Name: farmland_classification

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
10	No	10	9	Prime farmland if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60	<i>Prime farmland if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60.</i>
11	No	14	10	Prime farmland if irrigated and reclaimed of excess salts and sodium	<i>Prime farmland if irrigated and reclaimed from excess salts and sodium.</i>
12	No	11	30	Farmland of statewide importance	<i>Farmland of statewide importance.</i>
13	No	15	32	Farmland of statewide importance, if drained	<i>Farmland of statewide importance, if drained.</i>
14	No	16	33	Farmland of statewide importance, if protected from flooding or not frequently flooded during the growing season	
15	No	17	34	Farmland of statewide importance, if irrigated	
16	No	18	35	Farmland of statewide importance, if drained and either protected from flooding or not frequently flooded during the growing season	
17	No	19	36	Farmland of statewide importance, if irrigated and drained	
18	No	20	37	Farmland of statewide importance, if irrigated and either protected from flooding or not frequently flooded during the growing season	
19	No	26	38	Farmland of statewide importance, if subsoiled, completely removing the root inhibiting soil layer	
20	No	27	39	Farmland of statewide importance, if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60	

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Domain Name: farmland_classification

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
21	No	28	40	Farmland of statewide importance, if irrigated and reclaimed of excess salts and sodium	
22	No	21	41	Farmland of statewide importance, if drained or either protected from flooding or not frequently flooded during the growing season	
23	No	22	42	Farmland of statewide importance, if warm enough, and either drained or either protected from flooding or not frequently flooded during the growing season	
24	No	23	43	Farmland of statewide importance, if warm enough	
25	No	24	44	Farmland of statewide importance, if thawed	
26	No	12	50	Farmland of local importance	<i>Farmland of local importance.</i>
27	No	25	54	Farmland of local importance, if irrigated	
28	No	13	70	Farmland of unique importance	<i>Farmland of unique importance.</i>

Domain Name: fl_soil_leaching_potential

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	low	Low	<i>Slowest permeability is 0.6 in/hr or less. Soils with a muck/peat layer are rated "low".</i>
2	No	2	medium	Medium	<i>Slowest permeability is between 0.6 and 6.0 in/hr. Soils with a mucky layer are rated "medium" unless the soil has a slowest permeability of less than 0.6 in/hr. Then the soil is rated "low".</i>
3	No	3	high	High	<i>Slowest permeability is 6.0 in/hr or more.</i>

Domain Name: fl_soil_runoff_potential

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
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Domains

Domain Name: fl_soil_runoff_potential

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	low	Low	<i>Soils with a hydrological group of A, and soils with a hydrological group of B (in their natural, undrained state) that have a permeability of 6.0 in/hr or greater in all of the upper 20 inches of the soil.</i>
2	No	2	medium	Medium	<i>Soils with a hydrological group of C, and soils with a hydrological group of B (in their natural, undrained state) that have a permeability of less than 6.0 in/hr within 20 inches of the soil surface. Soils that rate low are changed to a rating of medium where the slope is more than 12 percent.</i>
3	No	3	high	High	<i>Soils with a hydrological group of D in their natural, undrained state. Soils that are frequently flooded during the growing season are rated high. Soils that rate medium are changed to a rating of high where the slope is more than 8 percent.</i>

Domain Name: flooding_duration_class

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	extremely brief	Extremely brief (0.1 to 4 hours)	<i>0.1 to 4 hours</i>
2	No	2	very brief	Very brief (4 to 48 hours)	<i>4 hours to 48 hours</i>
3	No	3	brief	Brief (2 to 7 days)	<i>2 days to 7 days</i>
4	No	4	long	Long (7 to 30 days)	<i>7 days to 30 days</i>
5	No	5	very long	Very long (more than 30 days)	<i>More than 30 days</i>

Domain Name: flooding_frequency_class

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	none	None	<i>No reasonable possibility of flooding; near 0 percent chance of flooding in any year or less than 1 time in 500 years.</i>
2	No	5	very rare	Very rare	<i>Flooding is very unlikely but is possible under unusual weather conditions; less than 1 percent chance in any year (less than 1 time in 100 years, but more than 1 time in 500 years).</i>
3	No	2	rare	Rare	<i>Flooding is unlikely but possible under unusual weather conditions; 1 to 5 percent chance in any year (1 to 5 times in 100 years).</i>
4	No	3	occasional	Occasional	<i>Flooding is expected infrequently, 5 to 50 percent chance in any year, (5 to 50 times in 100 years).</i>
5	Yes	7	common	Common	
6	No	4	frequent	Frequent	<i>Flooding is likely to occur often under usual weather conditions; more than 50 percent chance of flooding in any year or more than 50 times in 100 years, but less than a 50 percent chance of flooding in all months in any year.</i>
7	No	6	very frequent	Very frequent	<i>Flooding is likely to occur very often under usual weather conditions; more than 50 percent chance in all months of any year.</i>

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Domain Name: flooding_ponding_month

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	jan	January	
2	No	2	feb	February	
3	No	3	mar	March	
4	No	4	apr	April	
5	No	5	may	May	
6	No	6	jun	June	
7	No	7	jul	July	
8	No	8	aug	August	
9	No	9	sep	September	
10	No	10	oct	October	
11	No	11	nov	November	
12	No	12	dec	December	

Domain Name: forage_suitability_grp_type

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	G	Forage Suitability Group	<i>Identifies soil suitability groups designed for culturally managed forage (grass) plant production.</i>

Domain Name: forest_productivity_units

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	board feet/acre/year Doyle	board feet/acre/year Doyle	
2	No	2	board feet/acre/year International 1/4	board feet/acre/year International 1/4	
3	No	3	board feet/acre/year International 1/8	board feet/acre/year International 1/8	
4	No	4	board feet/acre/year Scribner	board feet/acre/year Scribner	
5	No	5	board feet/acre/year Scribner Decimal C	board feet/acre/year Scribner Decimal C	
6	No	6	board feet/acre/year Spaulding	board feet/acre/year Spaulding	
7	No	7	cords/acre/year	cords/acre/year	
8	No	10	cubic feet/acre	cubic feet/acre	
9	No	8	cubic feet/acre/year	cubic feet/acre/year	
10	No	9	tons/acre/year	tons/acre/year	

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Domain Name: forest_rotation_stage

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	early	early	0-25% of length of rotation.
2	No	2	mid	mid	25-75% of length of rotation.
3	No	3	late	late	75-100% of length of rotation.

Domain Name: forest_stand_quality

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	good	Good	
2	No	2	fair	Fair	
3	No	3	poor	Poor	

Domain Name: forest_stand_regeneration

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	adequate	Adequate	
2	No	2	inadequate	Inadequate	
3	No	3	not applicable	Not applicable	

Domain Name: forest_stand_type

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	A	A	Main stand is the dominant size and age class (overstory).
2	No	2	B	B	Main stand is intermediate in height or age with some Secondary trees clearly taller and older, with an understory of younger trees.
3	No	3	C	C	Main stand is smaller and younger of a two-aged stand, and dominant in number of trees.

Domain Name: forest_strata_inventoried

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	main stand	Main Stand	The strata that is the focus of tree age class and/or size for expected management actions.
2	No	2	secondary stand	Secondary stand	
3	No	3	understory	Understory	

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Domain Name: fragment_estimate_method

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	3	displacement	Displacement	<i>Horizon fragment volume was determined by displacement of water.</i>
2	No	1	visual inspection	Visual inspection	<i>Horizon fragment volume was determined using visual inspection.</i>
3	No	2	weighed	Weighed	<i>Horizon fragment percent by weight was determined by weighing</i>
4	No	4	weight and displacement	Weight and displacement	<i>Horizon fragments volume and weight were determined by weighing and displacement of water.</i>

Domain Name: fragment_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	65	aa lava	Aa lava fragments	<i>A type of basaltic lava (material) having a rough, jagged, clinkery surface and a vesicular interior. Compare - block lava, pahoehoe lava, pillow lava.</i>
2	Yes	17	acidic-ash	Acidic-ash	
3	No	101	amphibolite	Amphibolite fragments	
4	No	36	andesite	Andesite fragments	
5	Yes	20	andesitic-ash	Andesitic-ash	
6	No	180	anhydrite, rock	Rock anhydrite fragments	
7	No	131	anorthosite	Anorthosite fragments	<i>A sedimentary rock (evaporite) composed chiefly of mineral anhydrite (anhydrous CaSO4); The rock is generally massive, cryptocrystalline, and may exhibit rhythmic sedimentation (rhymites). Compare - rock gypsum, rock halite. SW</i>
8	No	102	arenite	Arenite fragments	
9	No	129	argillite	Argillite fragments	
10	No	3	arkose	Arkose fragments	
11	No	35	basalt	Basalt fragments	
12	Yes	19	basaltic-ash	Basaltic-ash	
13	Yes	18	basic-ash	Basic-ash	
14	No	178	bauxite	Bauxite fragments	
15	No	161	block lava	Block lava fragments	
16	No	107	breccia, non-volcanic	Non-volcanic breccia fragments	
17	No	132	breccia, non-volcanic, acidic	Acidic Non-volcanic breccia fragments	
18	No	133	breccia, non-volcanic, basic	Basic Non-volcanic breccia fragments	

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Domain Name: fragment_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
19	No	96	calcrete (caliche)	Calcrete fragments	<i>A hard, extremely dense or compact, dull to semivitreous, cryptocrystalline sedimentary rock, consisting dominantly of interlocking crystals of quartz less than about 30 mm in diameter; it may contain amorphous silica (opal). It sometimes contains impurities such as calcite, iron oxide, or the remains of silicious and other organisms. It has a tough, splintery to conchoidal fracture and may be white or variously colored gray, green, blue, pink, red, yellow, brown, and black. Chert occurs principally as nodular or concretionary segregations in limestones and dolomites.</i>
20	No	134	carbonate concretions	Carbonate concretions	
21	No	138	carbonate nodules	Carbonate nodules	
22	No	159	carbonate rock, unspecified	Carbonate rock fragments	
23	No	40	chalk	Chalk fragments	
24	No	88	charcoal	Charcoal fragments	
25	No	89	chert	Chert fragments	<i>Uncemented vitric, vesicular, pyroclastic material, more than 2.0 mm in at least one dimension, with an apparent specific gravity (including vesicles) of more than 1.0 and less than 2.0. Compare - ash [volcanic], block [volcanic], lapilli, tephra.</i>
26	No	21	cinders	Cinders	
27	No	103	claystone	Claystone fragments	
28	No	90	coal	Coal fragments	
29	No	15	conglomerate, calcareous	Calcareous conglomerate fragments	
30	Yes	14	conglomerate, noncalcareous	Noncalcareous conglomerate fragments	
31	No	13	conglomerate, unspecified	Conglomerate fragments	<i>A coarse-grained, clastic sedimentary rock composed of rounded to subangular rock fragments larger than 2 mm, commonly with a matrix of sand and finer material; cements include silica, calcium carbonate, and iron oxides. The consolidated equivalent of gravel.</i>
32	No	104	dacite	Dacite fragments	
33	No	105	diabase	Diabase fragments	
34	No	192	diatomite fragments	Diatomite fragments	
35	No	80	diorite	Diorite fragments	
36	No	42	dolomite (dolostone)	Dolomite fragments	
37	No	142	durinodes	Durinodes	<i>A light-colored, soft, siliceous sedimentary rock (generally consolidated) consisting chiefly of opaline diatom frustules deposited in a lacustrine or marine environment. Diatomite has a number of uses owing to its high surface area, absorptive capacity, and relative chemical stability but the term is generally reserved for deposits of actual or potential commercial value.</i>
38	No	145	duripan fragments	Duripan fragments	
39	Yes	167	ejecta	Ejecta fragments	
40	Yes	16	ejecta-ash	Ejecta-ash	
41	No	191	fanglomerate	Fanglomerate fragments	
42	No	81	gabbro	Gabbro fragments	

NASIS 7.1.4 Domains

Domain Name: fragment_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
43	No	135	gibbsite concretions	Gibbsite concretions	
44	No	139	gibbsite nodules	Gibbsite nodules	
45	Yes	69	glauconite	Glauconite fragments	
46	No	48	gneiss	Gneiss fragments	
47	No	175	gneiss, biotite	Biotite gneiss fragments	
48	No	176	gneiss, granodioritic	Granodioritic gneiss fragments	
49	No	169	gneiss, hornblende	Hornblende gneiss fragments	
50	No	171	gneiss, migmatitic	Migmatitic gneiss fragments	
51	No	172	gneiss, muscovite-biotite	Muscovite-biotite gneiss fragments	
52	Yes	49	gneiss-acidic	Acidic gneiss fragments	
53	Yes	50	gneiss-basic	Basic gneiss fragments	
54	No	33	granite	Granite fragments	
55	No	177	granitoid	Granitoid fragments	<i>a) In the IUGS classification, a preliminary term for (for field use) for a plutonic rock with Q (quartz) between 20 and 40 (%). b) A general term for all phaneritic igneous rocks (mineral crystals visible unaided and all about the same size) dominated by quartz and feldspars.</i>
56	No	106	granodiorite	Granodiorite fragments	
57	No	108	granofels	Granofels fragments	
58	No	126	granulite	Granulite fragments	
59	No	91	graywacke	Graywacke fragments	
60	No	109	greenstone	Greenstone fragments	
61	No	190	gypsum crystals	Gypsum crystal fragments	
62	No	92	gypsum, rock	Rock gypsum fragments	<i>A sedimentary rock (evaporite) composed primarily of mineral gypsum (CaSO₄·2H₂O). The rock is generally massive, ranges from coarse crystalline to fine granular, may show disturbed bedding due to hydration expansion of parent anhydrite (anhydrous CaSO₄), and may exhibit rhythmic sedimentation (rhymites). Compare gypsite. GG</i>
63	No	181	halite, rock	Rock halite fragments	<i>A sedimentary rock (evaporite) composed primarily of halite (NaCl). SW</i>
64	Yes	99	herbaceous material	Herbaceous material	
65	No	84	hornfels	Hornfels fragments	
66	Yes	37	igneous, acid	Acid igneous rock fragments	
67	Yes	31	igneous, basic	Basic igneous rock fragments	
68	Yes	30	igneous, coarse crystal	Coarse crystal igneous rock fragments	
69	Yes	34	igneous, fine crystal	Fine crystal igneous rock fragments	

NASIS 7.1.4

Domains

Domain Name: fragment_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
70	Yes	32	igneous, intermediate	Intermediate igneous rock fragments	
71	Yes	38	igneous, ultrabasic	Ultrabasic igneous rock fragments	
72	No	29	igneous, unspecified	Igneous rock fragments	<i>Rock formed by solidification from a molten or partially molten state; major varieties include plutonic and volcanic rocks. Examples: andesite, basalt, granite. Compare - intrusive, extrusive.</i>
73	No	110	ignimbrite	Ignimbrite fragments	
74	Yes	5	interbedded sedimentary	Interbedded sedimentary rock fragments	
75	No	140	iron-manganese concretions	Iron-manganese concretions	
76	No	141	iron-manganese nodules	Iron-manganese nodules	
77	No	143	ironstone nodules	Ironstone nodules	
78	No	95	lapilli	Lapilli	<i>Non or slightly vesicular pyroclastics, 2.0 to 76 mm in at least one dimension, with an apparent specific gravity of 2.0 or more. Compare - ash [volcanic], block [volcanic], cinders, tephra.</i>
79	No	111	latite	Latite fragments	
80	No	182	lignite	Lignite fragments	<i>A brownish-black carbon-rich deposit that is a metamorphic intermediate between peat and sub-bituminous coal. Dry lignite typically contains 60-70 % carbon. SW & GG</i>
81	No	44	limestone, arenaceous	Arenaceous limestone fragments	
82	No	45	limestone, argillaceous	Argillaceous limestone fragments	
83	No	46	limestone, cherty	Cherty limestone fragments	
84	No	179	limestone, coral	Coral limestone fragments	<i>An informal term for massive limestone composed primarily of coral and coral fragments commonly associated with marine islands or coral reefs in tropical or subtropical waters. Compare - coral island. SW</i>
85	No	43	limestone, phosphatic	Phosphatic limestone fragments	
86	No	39	limestone, unspecified	Limestone fragments	<i>A sedimentary rock consisting chiefly (more than 50 percent) of calcium carbonate, primarily in the form of calcite. Limestones are usually formed by a combination of organic and inorganic processes and include chemical and clastic (soluble and insoluble) constituents; many contain fossils.</i>
87	Yes	7	limestone-sandstone	Limestone-sandstone fragments	
88	Yes	6	limestone-sandstone-shale	Limestone-sandstone-shale fragments	
89	Yes	8	limestone-shale	Limestone-shale fragments	
90	Yes	9	limestone-siltstone	Limestone-siltstone fragments	

NASIS 7.1.4 Domains

Domain Name: fragment_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
91	No	188	limonite	Limonite	<i>A general 'field' term for various brown to yellowish brown, amorphous- to- cryptocrystalline hydrous ferric oxides that are an undetermined mixture of goethite, hematite, and lepidocrocite formed by weathering and iron oxidation from iron-bearing, rocks and minerals. SW & GG</i>
92	Yes	100	logs and stumps	Logs and stumps	
93	No	41	marble	Marble fragments	
94	Yes	68	marl	Marl fragments	
95	No	85	metaconglomerate	Metaconglomerate fragments	<i>An earthy, unconsolidated deposit consisting chiefly of calcium carbonate mixed with clay in approximately equal proportions (35 to 65 percent of each); formed primarily under freshwater lacustrine conditions, but varieties associated with more saline environments also occur.</i>
96	No	160	metamorphic, foliated	Foliated metamorphic rock fragments	
97	No	47	metamorphic, unspecified	Metamorphic rock fragments	
98	No	112	metaquartzite	Metaquartzite fragments	
99	No	150	metasedimentary, unspecified	Metasedimentary rock fragments	<i>Rock of any origin altered in mineralogical composition, chemical composition, or structure by heat, pressure, and movement at depth in the earth's crust. Nearly all such rocks are crystalline. Examples: schist, gneiss, quartzite, slate, marble.</i>
100	No	170	metasiltstone	Metasiltstone fragments	
101	No	113	metavolcanics	Metavolcanic rock fragments	
102	No	187	mica	Mica fragments	
103	No	127	migmatite	Migmatite fragments	<i>A group of monoclinic phyllosilicate minerals with perfect basal cleavage that splits into thin elastic laminae and range from colorless to black. Large crystals of mica are referred to as a mica book.</i>
104	No	73	mixed	Mixed rock fragments	
105	Yes	75	mixed calcareous	Mixed calcareous rock fragments	
106	Yes	77	mixed igneous-metamorphic	Mixed igneous and metamorphic rock fragments	
107	Yes	76	mixed igneous-metamorphic-sedimentary	Mixed igneous, metamorphic, and sedimentary rock fragments	
108	Yes	78	mixed igneous-sedimentary	Mixed igneous and sedimentary rock fragments	
109	Yes	79	mixed metamorphic-sedimentary	Mixed metamorphic and sedimentary rock fragments	
110	Yes	74	mixed noncalcareous	Mixed noncalcareous rock fragments	
111	No	114	monzonite	Monzonite fragments	
112	Yes	98	mossy material	Mossy material	
113	No	115	mudstone	Mudstone fragments	

NASIS 7.1.4

Domains

Domain Name: fragment_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
114	No	116	mylonite	Mylonite fragments	<p><i>A dense, extremely finely grained, even-textured, siliceous, sedimentary rock similar to chert. It is hard, white to grayish-black in color, translucent on thin edges, has a dull to waxy luster, and displays smooth conchoidal fracture when broken.</i></p> <p><i>Novaculite principally occurs in the Marathon Uplift of Texas and Ouachita Mountains of Arkansas and Oklahoma where it forms erosion resistant ridges. Novaculite appears to form from chert recrystallization with microcrystalline quartz dominant over cryptocrystalline chalcedony. At the Ouachita Mountains type occurrence, novaculite formed by low-grade, thermal metamorphism of bedded chert. Novaculite is commercially quarried as a whetstone or oilstone. Compare - chert. GG & SW</i></p>
115	No	183	novaculite	Novaculite	
116	No	82	obsidian	Obsidian fragments	<p><i>A type of basaltic lava (material) with a characteristically smooth, billowy or rope-like surface and vesicular interior. Compare - `a`a lava, block lava, pillow lava.</i></p> <p><i>A general term for lava displaying pillow structure (discontinuous, close-fitting, bun-shaped or ellipsoidal masses, generally < 1 m in diameter); considered to have formed in a subaqueous environment; such lava is usually basaltic or andesitic. Compare - `a`a lava, block lava, pahoehoe lava.</i></p> <p><i>A light-colored, vesicular, glassy rock commonly having the composition of rhyolite. It commonly has a specific gravity of < 1.0 and is thereby sufficiently buoyant to float on water.</i></p> <p><i>Fragmental materials produced by usually explosive, aerial ejection of clastic particles from a volcanic vent. Such materials may accumulate on land or under water.</i></p>
117	Yes	97	organic	Organic material	
118	No	130	orthoquartzite	Orthoquartzite fragments	
119	No	147	ortstein fragments	Ortstein fragments	
120	Yes	166	oxide protected rock	Oxide protected rock	
121	No	66	pahoehoe lava	Pahoehoe lava fragments	
122	No	117	peridotite	Peridotite fragments	
123	No	146	petrocalcic fragments	Petrocalcic fragments	
124	No	148	petroferric fragments	Petroferric fragments	
125	No	149	petrogypsic fragments	Petrogypsic fragments	
126	No	86	phyllite	Phyllite fragments	
127	No	162	pillow lava	Pillow lava fragments	
128	No	137	plinthite nodules	Plinthite nodules	
129	No	118	porcellanite	Porcellanite fragments	
130	No	22	pumice	Pumice fragments	
131	No	125	pyroclastic (consolidated)	Pyroclastic rock fragments	
132	Yes	57	pyroclastic, unspecified	Pyroclastic fragments	
133	No	119	pyroxenite	Pyroxenite fragments	
134	No	158	quartz	Quartz fragments	
135	No	152	quartz-diorite	Quartz-diorite fragments	
136	No	56	quartzite	Quartzite fragments	
137	No	153	quartz-monzonite	Quartz-monzonite fragments	

NASIS 7.1.4 Domains

Domain Name: fragment_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
138	No	83	rhyolite	Rhyolite fragments	<i>Sedimentary rock containing dominantly sand-size clastic particles.</i>
139	No	4	sandstone, calcareous	Calcareous sandstone fragments	
140	No	164	sandstone, glauconitic	Glauconitic sandstone fragments	
141	Yes	2	sandstone, noncalcareous	Noncalcareous sandstone fragments	
142	No	1	sandstone, unspecified	Sandstone fragments	
143	Yes	10	sandstone-shale	Sandstone and shale fragments	
144	Yes	11	sandstone-siltstone	Sandstone and siltstone fragments	
145	Yes	165	saprolite	Saprolite	
146	Yes	53	schist, acidic	Acidic schist fragments	
147	Yes	54	schist, basic	Basic schist fragments	
148	No	185	schist, biotite	Biotite schist fragments	<i>A strongly foliated crystalline rock formed by dynamic metamorphism that has well-developed parallelism of more than 50 percent of the minerals present, primarily biotite.</i>
149	No	173	schist, graphitic	Graphitic schist fragments	
150	No	151	schist, mica	Mica schist fragments	
151	No	186	schist, muscovite	Muscovite schist fragments	<i>A strongly foliated crystalline rock formed by dynamic metamorphism that has well-developed parallelism of more than 50 percent of the minerals present, primarily muscovite.</i>
152	No	189	schist, sericite	Sericite schist	
153	No	52	schist, unspecified	Schist fragments	<i>A strongly foliated crystalline rock formed by dynamic metamorphism that has well-developed parallelism of more than 50 percent of the minerals present, primarily sericite. A fine-grained muscovite</i>
154	No	23	scoria	Scoria fragments	
155	No	67	sedimentary, unspecified	Sedimentary rock fragments	<i>Vesicular, cindery crust or bomb-sized fragments of such material on the surface of andesitic or basaltic lava, the vesicular nature of which is due to the escape of volcanic gases before solidification; it is usually heavier, darker, and more crystalline than pumice. Synonym - cinder.</i> <i>A consolidated deposit of clastic particles, chemical precipitates, and organic remains accumulated at or near the surface of the earth under "normal" low temperature and pressure conditions. Sedimentary rocks include consolidated equivalents of alluvium, colluvium, drift, and eolian, lacustrine, marine deposits; e.g., sandstone, siltstone, mudstone, clay-stone, shale, conglomerate, limestone, dolomite, coal, etc.</i>
156	No	51	serpentinite	Serpentinite fragments	
157	No	93	shale, acid	Acid shale fragments	
158	No	27	shale, calcareous	Calcareous shale fragments	
159	No	28	shale, clayey	Clayey shale fragments	
160	Yes	26	shale, noncalcareous	Noncalcareous shale fragments	

NASIS 7.1.4 Domains

Domain Name: fragment_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
161	No	25	shale, unspecified	Shale fragments	<i>Sedimentary rock formed by induration of a clay, silty clay, or silty clay loam deposit and having the tendency to split into thin layers, i.e., fissility.</i>
162	Yes	12	shale-siltstone	Shale-siltstone fragments	
163	No	144	shell fragments	Shell fragments	
164	No	136	silica concretions	Silica concretions	
165	No	184	siltite	Siltite fragments	
					<i>A compact, weakly metamorphosed rock formed by alteration of siltstone, mudstone, or silty shale. Siltite is more indurated than mudstone or shale and lacks either shale fissility or slate-like cleavage. Siltite differs from argillite in that silt-size grains (0.002 to 0.062 mm) rather than clay-size (<0.002 mm) dominate the matrix. Siltite differs from siltstone, mudstone, or shale in that it exhibits very low to low grade metamorphic or diagenetic layer silicate and feldspar alteration to sericite, chlorite, and albite (subgreenschist to greenschist metamorphic facies) (Maxwell, 1973; Kidder, 1987).</i>
166	No	72	siltstone, calcareous	Calcareous siltstone fragments	<i>Sedimentary rock containing dominantly silt-size clastic particles.</i>
167	Yes	71	siltstone, noncalcareous	Noncalcareous siltstone fragments	
168	No	70	siltstone, unspecified	Siltstone fragments	
169	No	55	slate	Slate fragments	
170	No	174	slate, sulfidic	Sulfidic slate fragments	
171	No	128	soapstone	Soapstone fragments	
172	No	120	syenite	Syenite fragments	
173	No	121	syenodiorite	Syenodiorite fragments	
174	No	154	tachylite	Tachylite fragments	
175	No	155	tonalite	Tonalite fragments	
176	No	122	trachyte	Trachyte fragments	
177	No	123	travertine	Travertine fragments	
178	No	168	tripoli	Tripoli fragments	
					<i>A light-colored, porous, friable, siliceous (largely chalcedonic) sedimentary rock, which occurs in powdery or earthy masses that result from the weathering of siliceous limestone. It has a harsh, rough feel and is used to polish metals and stones.</i>
179	No	124	tufa	Tufa fragments	<i>A compacted deposit that is 50 percent or more volcanic ash and dust</i>
180	No	64	tuff breccia	Tuff breccia fragments	
181	No	59	tuff, acidic	Acidic tuff fragments	
182	No	60	tuff, basic	Basic tuff fragments	
183	No	58	tuff, unspecified	Tuff fragments	
184	No	157	tuff, welded	Welded tuff fragments	
185	No	156	ultramafic, unspecified	Ultramafic rock fragments	
186	No	24	volcanic bombs	Volcanic bombs	

NASIS 7.1.4 Domains

Domain Name: fragment_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
187	No	62	volcanic breccia, acidic	Acidic volcanic breccia fragments	
188	No	63	volcanic breccia, basic	Basic volcanic breccia fragments	
189	No	61	volcanic breccia, unspecified	Volcanic breccia fragments	
190	No	163	volcanic, unspecified	Volcanic rock fragments	
191	No	87	wood	Wood fragments	

Domain Name: fragment_roundness

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	6	very angular	Very angular	<i>Strongly developed faces with very sharp, broken edges.</i>
2	No	1	angular	Angular	<i>Strongly developed faces with sharp edges (SSM).</i>
3	No	2	subangular	Subangular	<i>Detectable flat faces with slightly-rounded corners.</i>
4	No	3	subrounded	Subrounded	<i>Detectable flat faces with well-rounded corners (SSM).</i>
5	No	4	rounded	Rounded	<i>Flat faces absent or nearly absent with all corners rounded (SSM).</i>
6	No	5	well rounded	Well rounded	<i>Flat faces absent with all corners rounded.</i>

Domain Name: fragment_shape

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	flat	Flat	
2	No	2	nonflat	Nonflat	

Domain Name: gap_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	basal	Basal	<i>The gap observed is the space between the base or stem of two live or dead plants, based on the points where the plants emerge from the soil surface.</i>
2	No	2	canopy	Canopy	<i>The gap observed is the space between the canopy of two live or dead plants, based on a vertical projection from canopy to ground.</i>

NASIS 7.1.4

Domains

Domain Name: geographic_coord_source

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	auto-populated from gps	Auto-populated from GPS	<i>Values are auto-populated to the point database via a connection to the GPS unit. No manually data entry is involved.</i>
2	No	2	auto-populated from survey grade gps	Auto-populated from survey grade GPS	<i>Values are auto-populated to the point database via a connection to a survey grade GPS unit. No manually data entry is involved.</i>
3	No	5	estimated from other source	Estimated from other source	<i>Coordinates were interpreted or estimated from some source other than a GPS unit. A common source is USGS topographic maps. Other sources include PLSS data, point on aerial photo, narrative descriptions, or using a GIS to determine location for map.</i>
4	No	3	manually entered from gps	Manually entered from GPS	<i>Coordinates were transcribed from those displayed on the GPS screen and manually entered into the database. Values may have been written on hardcopy forms prior to entering into the database.</i>
5	No	4	manually entered from post-validation	Manually entered from post-validation	<i>Coordinates were transcribed from those displayed on the GPS screen and manually entered into the database. Values may have been written on hardcopy forms prior to entering into the database. Values were later reviewed and either determined to be reasonable, or obvious errors were corrected.</i>
6	No	6	unknown	Unknown	<i>Source of geographic coordinates is unknown.</i>
7	No	7	imported from gps	Imported from GPS	<i>Geographic coordinate values were imported from a GPS unit using the Import GPS Site Data function.</i>

Domain Name: geomor_pos_flat

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	Yes	1	flat	Flat	<i>default choice, official choices to be determined later</i>
2	No	2	dip	Dip	<i>A geomorphic component (characteristic piece) of flat plains (e.g., lake plain, low coastal plain, low-relief till plain) consisting of a shallow and typically closed depression that tends to be an area of focused groundwater recharge but not a permanent water body and that lies slightly lower and is wetter than the adjacent talf, and favors the accumulation of fine sediments and organic materials. SW</i>
3	No	3	rise	Rise	<i>A geomorphic component of flat plains (e.g., lake plain, low coastal plain, low-gradient till plain) consisting of a slightly elevated but low, broad area with low slope gradients (e.g. 1-3 % slopes); typically a microfeature but can be fairly extensive. Commonly soils on a rise are better drained than those on the surrounding talf. Compare - talf. SW</i>
4	No	4	talf	Talf	<i>A geomorphic component of flat plains (e.g., lake plain, low coastal plain, low-gradient till plain) consisting of an essentially flat (e.g. 0-1 % slopes) and broad area dominated by closed depressions and a non-integrated or poorly integrated drainage system. Precipitation tends to pond locally and lateral transport is slow both above and below ground, which favors the accumulation of soil organic matter and a retention of fine earth sediments; better drained soils are commonly adjacent to drainageways. Compare - rise. SW</i>

NASIS 7.1.4

Domains

Domain Name: geomor_pos_hill

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	interfluve	Interfluve	<i>An elevated area between two drainageways that sheds water to those drainageways.</i>
2	No	2	head slope	Head Slope	<i>The concave surface at the head of a drainageway where the flow of water converges downward toward the center and contour lines form concave curves.</i>
3	No	3	nose slope	Nose Slope	<i>The projecting end of an interfluve, where contour lines connecting the opposing side slopes form convex curves around the projecting end and lines perpendicular to the contours diverge downward. Overland flow of water is divergent.</i>
4	No	4	side slope	Side Slope	<i>The slope bounding a drainageway and lying between the drainageway and the adjacent interfluve. It is generally linear along the slope width and overland flow is parallel down the slope.</i>
5	No	5	base slope	Base Slope	<i>A geomorphic component of hills consisting of the concave to linear slope (perpendicular to the contour) which, regardless of the lateral shape is an area that forms an apron or wedge at the bottom of a hillside dominated by colluvial and slope wash processes and sediments (e.g., colluvium and slope alluvium). Distal base slope sediments commonly grade to, or interfinger with, alluvial fills, or gradually thin to form pedisediment over residuum. Compare - head slope, side slope, nose slope, interfluve, free face. SW</i>
6	No	6	crest	Crest	<i>A geomorphic component of hills consisting of the convex slopes (perpendicular to the contour) that form the narrow, roughly linear top area of a hill, ridge, or other upland where shoulders have converged to the extent that little or no summit remains; dominated by erosion, slope wash and mass movement processes and sediments (e.g., slope alluvium, creep). Commonly, soils on crests are more similar to those on side slopes than to soils on adjacent interfluvies. Compare - interfluve, head slope, side slope, nose slope. SW</i>
7	No	7	free face	Free face	<i>The part of a hillside or mountainside consisting of an outcrop of bare rock (scarp or cliff) that sheds colluvium to slopes below and commonly stands more steeply than the angle of repose of the colluvial slope (e.g. talus slope) immediately below. SW & GG</i>
8	Yes	8	crested hills	Crested hills	

Domain Name: geomor_pos_mountain

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	mountaintop	Mountaintop	
2	No	2	mountainflank	Mountainflank	
3	No	3	mountainbase	Mountainbase	
4	No	4	mountainflank, upper third	Upper third of mountainflank	
5	No	5	mountainflank, center third	Center third of mountainflank	
6	No	6	mountainflank, lower third	Lower third of mountainflank	
7	No	7	free face	Free face	<i>The part of a hillside or mountainside consisting of an outcrop of bare rock (scarp or cliff) that sheds colluvium to slopes below and commonly stands more steeply than the angle of repose of the colluvial slope (e.g. talus slope) immediately below. SW & GG</i>

NASIS 7.1.4

Domains

Domain Name: geomor_pos_terrace

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	riser	Riser	<i>The vertical or steeply sloping surface, commonly one of a series, of natural steplike landforms, as those of a glacial stairway or of successive stream terraces.</i>
2	No	2	tread	Tread	<i>The flat or gently sloping surface of natural step-like landforms, commonly one of a series, such as successive stream terraces.</i>

Domain Name: geomorph_microrelief_pattern

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	Yes	1	closed depression	Closed depression	
2	Yes	2	linear	Linear	
3	Yes	3	no	No	
4	Yes	4	reticulate (net)	Reticulate (net)	

Domain Name: ground_cover_class

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	trace to 1%	Trace to 1%	<i>An occasional plant present (trace to 1% ground cover)</i>
2	No	2	2 to 9%	2 to 9%	<i>Sparsely abundant (2% - 9% ground cover)</i>
3	No	3	10 to 19%	10 to 19%	<i>Moderately abundant (10% - 19% ground cover)</i>
4	No	4	20 to 29%	20 to 29%	<i>Abundant (20% - 29% ground cover)</i>
5	No	5	30% or more	30% or more	<i>Very abundant (=> 30% ground cover)</i>

Domain Name: ground_cover_extent

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	none	None	<i>No vegetation present as a result of treatment other than tillage to prevent plant growth.</i>
2	No	2	sparse	Sparse	<i>Scattered grass and/or weeds, or clean tilled.</i>
3	No	3	light	Light	<i>Patchy sod or weeds.</i>
4	No	4	dense	Dense	<i>Heavy sod.</i>

Domain Name: ground_cover_type

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	bare ground	Bare ground	<i>Exposed bare soil surface with no other ground cover material type present.</i>

NASIS 7.1.4

Domains

Domain Name: ground_cover_type

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
2	No	2	bedrock	Bedrock	<i>Exposed bare soil surface with no other ground cover material type present.</i>
3	No	3	biological crust	Biological crust	<i>A crust on the soil surface primarily composed of algae, cyanobacteria, and/or lichens.</i>
4	No	4	forb	Forb	<i>An herbaceous, broadleaved flowering plant whose above-ground stem does not become woody and persistent.</i>
5	No	5	grass or grasslike	Grass or grasslike	<i>Plant material that is a member of the Gramineae (true grasses), Cyperaceae (sedges), or Juncaceae (rushes) families.</i>
6	No	6	litter	Litter	<i>Soil surface is covered by fresh and/or partially decomposed plant residue material, including downed wood, that is not attached to a rooted plant.</i>
7	No	7	nonvascular plant	Nonvascular plant	<i>Plant material composed of mosses, liverworts, hornworts, or stemmed lichens.</i>
8	No	8	shrub or vine or liana	Shrub or vine or liana	
9	No	9	surface fragments, large	Large surface fragments	<i>Loose fragments of rock equal to or greater than 3 inches in size.</i>
10	No	10	surface fragments, small	Small surface fragments	<i>Loose fragments of rock greater than 0.25 and less than 3 inches in size.</i>
11	No	11	tree	Tree	<i>Woody perennial plant species typically over 5m in height at maturity.</i>
12	No	12	water	Water	<i>The soil surface is covered by standing water.</i>
13	Yes	13	embedded litter	Embedded litter	<i>Soil surface is covered by fresh and/or partially decomposed plant residue material, including downed wood, that is not attached to a rooted plant, but is partially buried or embedded in the soil surface.</i>

Domain Name: ground_surface_cover_type

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	bare ground	Bare ground	<i>Exposed bare soil surface with no other ground cover material type present.</i>
2	No	2	bedrock	Bedrock	<i>Exposed bare soil surface with no other ground cover material type present.</i>
3	No	3	biological crust	Biological crust	<i>A crust on the soil surface primarily composed of algae, cyanobacteria, and/or lichens.</i>
4	No	4	forb	Forb	<i>An herbaceous, broadleaved flowering plant whose above-ground stem does not become woody and persistent.</i>
5	No	5	grass or grasslike	Grass or grasslike	<i>Plant material that is a member of the Gramineae (true grasses), Cyperaceae (sedges), or Juncaceae (rushes) families.</i>
6	No	6	litter	Litter	<i>Soil surface is covered by fresh and/or partially decomposed plant residue material, including downed wood, that is not attached to a rooted plant.</i>
7	No	7	nonvascular plant	Nonvascular plant	<i>Plant material composed of mosses, liverworts, hornworts, or stemmed lichens.</i>
8	No	8	shrub or vine or liana	Shrub or vine or liana	
9	No	9	surface fragments, large	Large surface fragments	<i>Loose fragments of rock equal to or greater than 3 inches in size.</i>
10	No	10	surface fragments, small	Small surface fragments	<i>Loose fragments of rock greater than 0.25 and less than 3 inches in size.</i>
11	No	11	tree	Tree	<i>Woody perennial plant species typically over 5m in height at maturity.</i>
12	No	12	water	Water	<i>The soil surface is covered by standing water.</i>
13	No	13	downed wood, fine-small	Fine-small downed wood	<i>Dead, downed wood less than 0.4 inches in diameter. 1 hour fuels.</i>

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Domains

Domain Name: ground_surface_cover_type

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
14	No	14	downed wood, fine-medium	Fine-medium downed wood	<i>Dead, downed wood 0.4 to less than 1 inch in diameter. 10 hour fuels.</i>
15	No	15	downed wood, fine-large	Fine-large downed wood	<i>Dead, downed wood 1 to less than 3 inches in diameter. 100 hour fuels.</i>
16	No	16	downed wood, coarse-small	Coarse-small downed wood	<i>Dead, downed wood 3 to less than 9 inches in diameter. 1,000 hour fuels.</i>
17	No	17	downed wood, coarse-large	Coarse-large downed wood	<i>Dead, downed wood equal to or greater than 9 inches in diameter. 10,000 hour fuels.</i>
18	No	18	tree snags, hard	Hard tree snags	<i>Dead, standing tree trunks that are > 4" in diameter at 4.5 feet above the ground, and > 6 feet in height; have no evidence of decay; and with bark largely intact. Smaller snags count as downed wood.</i>
19	No	19	tree snags, soft	Soft tree snags	<i>Dead, standing tree trunks that are > 4" in diameter at 4.5 feet above the ground, and > 6 feet in height; have no evidence of decay; and with bark that has partially or totally sloughed off. Smaller snags count as downed wood.</i>
20	Yes	20	embedded litter	Embedded litter	<i>Soil surface is covered by fresh and/or partially decomposed plant residue material, including downed wood, that is not attached to a rooted plant, but is partially buried or embedded in the soil surface.</i>

Domain Name: growing_season_rating

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	unusually good	Unusually good	
2	No	2	above average	Above average	
3	No	3	average	Average	
4	No	4	below average	Below average	
5	No	5	unusually poor	Unusually poor	

Domain Name: gully_rill_presence

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	none	None	
2	No	2	few	Few	
3	No	3	numerous	Numerous	

Domain Name: hgm_class

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
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Domains

Domain Name: hgm_class

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	riverine	RIVERINE	<i>Riverine wetlands occur in flood plains and riparian corridors in association with stream channels. Dominant water sources are often overbank flow from the channel or subsurface hydraulic connections between the stream channel and wetlands. However, sources may be interflow and return flow from adjacent uplands, occasional overland flow from adjacent uplands, tributary inflow, and precipitation. At their headwater, RIVERINE wetlands often are replaced by SLOPE or DEPRESSIONAL wetlands where the channel morphology may disappear. They may intergrade with poorly drained flats or uplands. Perennial flow in the channel is not a requirement.</i>
2	No	2	depressional	DEPRESSIONAL	<i>Depressional wetlands occur in topographic depressions. Dominant water sources are precipitation, ground water discharge, and both interflow and overland flow from adjacent uplands. The direction of flow is normally from the surrounding uplands toward the center of the depression. Elevation contours are closed, thus allowing the accumulation of surface water. Depressional wetlands may have any combination of inlets and outlets or lack them completely. Dominant hydrodynamics are vertical fluctuations, primarily seasonal. Depressional wetlands may lose water through intermittent or perennial drainage from an outlet, by evapotranspiration and, if they are not receiving ground water discharge, may slowly contribute to ground water. Peat deposits may develop in depressional wetlands. Prairie potholes are a common example of depressional wetlands.</i>
3	No	3	slope	SLOPE	<i>Slope wetlands normally are found where there is a discharge of ground water to the land surface. They normally occur on sloping land; elevation gradients may range from steep hillsides to slight slopes. Slope wetlands are usually incapable of depressional storage because they lack the necessary closed contours. Principal water sources are usually ground water return flow and interflow from surrounding uplands, as well as precipitation. Hydrodynamics are dominated by downslope unidirectional water flow. Slope wetlands can occur in nearly flat landscapes if ground water discharge is a dominant source to the wetland surface. Slope wetlands lose water primarily by saturation subsurface and surface flows and by evapotranspiration. SLOPE wetlands may develop channels, but the channels serve only to convey water away from the SLOPE wetland. Fens are a common example of slope wetlands.</i>
4	No	4	mineral soil flats	MINERAL SOIL FLATS	<i>Mineral soils flats are most common on interfluvies, extensive relic lake bottoms, or large historic flood plain terraces where the main source of water is precipitation. They receive no ground water discharge, which distinguishes them from DEPRESSIONAL and SLOPE wetlands. Dominant hydrodynamics are vertical fluctuations. Mineral soil flats lose water by evapotranspiration, saturation overland flow, and seepage to underlying ground water. They are distinguished from flat upland areas by their poor vertical drainage, often due to spodic horizons and hardpans, and low lateral drainage, usually due to low hydraulic gradients. Mineral soil flats that accumulate peat can eventually become the class ORGANIC SOIL FLATS. Pine flatwoods with hydric soils are a common example of MINERAL SOIL FLAT wetlands.</i>
5	No	5	organic soil flats	ORGANIC SOIL FLATS	<i>Organic soil flats , or extensive peatlands, differ from mineral soil flats , in part because their elevation and topography are controlled by vertical accretion of organic matter. They occur commonly on flat interfluvies, but may also be located where depressions have become filled with peat to form a relatively large flat surface. Water source is dominated by precipitation, while water loss is by saturation overland flow and seepage to underlying ground water. Raised bogs share many of these characteristics, but may be considered a separate class because of their convex upward form and distinct edaphic conditions for plants. Portions of the Everglades and northern Minnesota peatlands are common examples of organic soil flat wetlands.</i>

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Domains

Domain Name: hgm_class

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
6	No	6	estuarine fringe	ESTUARINE FRINGE	<i>Estuarine fringe wetlands occur along coasts and estuaries and are under the influence of sea level. They intergrade landward with Riverine wetlands where tidal currents diminish and riverflow becomes the dominant water source. Additional water sources may be ground water discharge and precipitation. The interface between the estuarine fringe and Riverine classes is where bidirectional flows from tides dominate over unidirectional ones controlled by flood plain slope of Riverine wetlands. Because estuarine fringe wetlands frequently flood and water table elevations are controlled mainly by sea surface elevation, estuarine fringe wetlands seldom dry for significant periods. estuarine fringe wetlands lose water by tidal exchange, by saturated overland flow to tidal creek channels, and by evapotranspiration. Organic matter normally accumulates in higher elevation marsh areas where flooding is less frequent and the wetlands are isolated from shoreline wave erosion by intervening areas of low marsh. Spartina alterniflora salt marshes are common examples of estuarine fringe wetlands.</i>
7	No	7	lacustrine fringe	LACUSTRINE FRINGE	<i>Lacustrine fringe wetlands are adjacent to lakes where the water elevation of the lake maintains the water table in the wetland. In some cases, these wetlands consist of a floating mat attached to land. Additional sources of water are precipitation and ground water discharge, the latter dominating where lacustrine fringe wetlands intergrade with uplands or SLOPE wetlands. Surface water flow is bidirectional, usually controlled by water-level fluctuations such as seiches in the adjoining lake. Lacustrine fringe wetlands are indistinguishable from depressional wetlands where the size of the lake becomes so small relative to fringe wetlands that the lake is incapable of stabilizing water tables. Lacustrine fringe wetlands lose water by flow returning to the lake after flooding, by saturation surface flow, and by evapotranspiration. Organic matter normally accumulates in areas sufficiently protected from shoreline wave erosion. Unimpounded marshes bordering the Great Lakes are a common example of lacustrine fringe wetlands.</i>

Domain Name: hillslope_profile

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	summit	Summit	<i>The topographically highest hillslope position of a hillslope profile and exhibiting a nearly level (planar or only slightly convex) surface.</i>
2	No	2	shoulder	Shoulder	<i>The hillslope position that forms the uppermost inclined surface near the top of a hillslope. If present, it comprises the transition zone from backslope to summit. The surface is dominantly convex in profile and erosional in origin.</i>
3	No	3	backslope	Backslope	<i>The hillslope profile position that forms the steepest and generally linear, middle portion of the slope. In profile, backslopes are commonly bounded by a convex shoulder above and a concave footslope below. They may or may not include cliff segments (i.e. free faces). Backslopes are commonly erosional forms produced by mass movement, colluvial action, and running water.</i>
4	No	4	footslope	Footslope	<i>The hillslope position that forms the inner, gently inclined surface at the base of a hillslope. In profile, footslopes are commonly concave. It is a transition zone between upslope sites of erosion and transport (shoulder, backslope) and downslope sites of deposition (toeslope).</i>

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Domain Name: hillslope_profile

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
5	No	5	toeslope	Toeslope	<i>The hillslope position that forms the gently inclined surface at the base of a hillslope. Toeslopes in profile are commonly gentle and linear, and are constructional surfaces forming the lower part of a hill-slope continuum that grades to valley or closed-depression floors.</i>

Domain Name: horizon_feature_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	2	albic tongues	Tongues of albic material	<i>Either a surface or subsurface layer that repels water (e.g. dry organic materials, scorch layers in chapparell, etc.).</i>
2	No	1	argillic tongues	Tongues of argillic material	
3	No	11	hydrophobic layer	Hydrophobic layer	
4	No	13	ice wedge cast	Ice wedge cast	<i>A vertical, often trans-horizon, wedge-shaped or irregular form caused by infilling of a cavity resulting from the melting of an ice wedge; commonly stratified.</i>
5	No	4	krotovinas	Krotovinas	<i>Filled faunal burrows.</i>
6	No	14	lamellae	Lamellae	
7	No	8	lamina	Lamina	<i>The thinnest recognizable layer (commonly < 1 cm thick) of original deposition in a sediment or sedimentary rock, differing from other layers in color, composition, or particle size. Several laminae constitute a bed.</i>
8	Yes	3	percent ironstone nodules	Percent ironstone nodules	
9	Yes	7	percent of pedon occupied by this horizon	Percent of the pedon occupied by this horizon	
10	Yes	6	percent of profile occupied by this horizon	Percent of profile occupied by this horizon	
11	Yes	5	percent plinthite	Percent plinthite	
12	No	12	stone line	Stone line	

Domain Name: horizontal_datum_name

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	4	american samoa 1962	American Samoa 1962	
2	No	5	astro beacon e 1945	Astro Beacon "E" 1945	
3	No	6	astro tern island frig	Astro Tern Island (FRIG)	
4	No	7	astronomical station 1952	Astronomical Station 1952	
5	No	8	bellevue ign	Bellevue (IGN)	
6	No	9	canton astro 1966	Canton Astro 1966	
7	No	10	chatham island astro 1971	Chatham Island Astro 1971	

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Domain Name: horizontal_datum_name

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
8	No	11	dos 1968	DOS 1968	
9	No	12	easter island 1967	Easter Island 1967	
10	No	13	geodetic datum 1949	Geodetic Datum 1949	
11	No	14	guam 1963	Guam 1963	
12	No	15	gux 1 astro	Gux 1 Astro	
13	No	16	johnston island 1961	Johnston Island 1961	
14	No	17	kusaie astro 1951	Kusaie Astro 1951	
15	No	18	luzon	Luzon	
16	No	19	midway astro 1961	Midway Astro 1961	
17	No	1	NAD27	North American Datum of 1927	<i>North American Datum of 1927.</i>
18	No	2	NAD83	North American Datum of 1983	<i>North American Datum of 1983.</i>
19	No	3	old hawaiian	Old Hawaiian	
20	No	20	pitcairn astro 1967	Pitcairn Astro 1967	
21	No	21	santo dos 1965	Santo (DOS) 1965	
22	No	22	viti levu 1916	Viti Levu 1916	
23	No	24	wake island astro 1952	Wake Island Astro 1952	
24	No	23	wake-eniwetok 1960	Wake-Eniwetok 1960	
25	No	25	WGS84	World Geodetic System 1984	

Domain Name: horz_desgn_letter_suffix

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	a	a	<i>Highly decomposed organic matter. This symbol is used with O to indicate the most highly decomposed organic materials, which have a fiber content of less than 17 percent (by volume) after rubbing.</i>
2	No	2	b	b	<i>Buried genetic horizon. This symbol is used in mineral soils to indicate identifiable buried horizons with major genetic features that were developed before burial. Genetic horizons may or may not have formed in the overlying material, which may be either like or unlike the assumed parent material of the buried soil. This symbol is not used in organic soils, nor is it used to separate an organic layer from a mineral layer.</i>
3	No	3	c	c	<i>Concretions or nodules. This symbol indicates a significant accumulation of concretions or nodules. Cementation is required. The cementing agent commonly is iron, aluminum, manganese, or titanium. It cannot be silica, dolomite, calcite, or more soluble salts.</i>
4	Yes	28	ca	ca	<i>An accumulation of carbonates.</i>

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Domains

Domain Name: horz_desgn_letter_suffix

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
5	No	29	co	co	<i>Coprogenous Earth. This symbol, used only with L, indicates a limnic layer of coprogenous earth (or sedimentary peat).</i>
6	No	4	d	d	<i>Physical root restriction. This symbol indicates noncemented, root-restricting layers in naturally occurring or human-made sediments or materials. Examples are dense basal till, plowpans, and other mechanically compacted zones.</i>
7	No	31	di	di	<i>Diatomaceous earth. This symbol, used only with L, indicates a limnic layer of diatomaceous earth.</i>
8	No	5	e	e	<i>Organic material of intermediate decomposition. This symbol is used with O to indicate organic materials of intermediate decomposition. The fiber content of these materials is 17 to 40 percent (by volume) after rubbing.</i>
9	No	6	f	f	<i>Frozen soil or water. This symbol indicates that a horizon or layer contains permanent ice. The symbol is not used for seasonally frozen layers or for dry permafrost.</i>
10	No	27	ff	ff	<i>Dry permafrost. Used in layers or horizons that are colder than 0 degrees C, but do not contain ice. It is not used for layers or horizons that have seasonal temperatures below 0 degrees C. The f suffix is used for layers or horizons that contain permanent ice.</i>
11	No	7	g	g	<i>Strong gleying. This symbol indicates either that iron has been reduced and removed during soil formation or that saturation with stagnant water has preserved it in a reduced state. Most of the affected layers have chroma of 2 or less, and many have redox concentrations. The low chroma can represent either the color of reduced iron or the color of uncoated sand and silt particles from which iron has been removed. The symbol g is not used for materials of low chroma that have no history of wetness, such as some shales or E horizons. If g is used with B, pedogenic change in addition to gleying is implied. If no other pedogenic change besides gleying has taken place, the horizon is designated Cg.</i>
12	No	8	h	h	<i>Illuvial accumulation of organic matter. This symbol is used with B to indicate the accumulation of illuvial, amorphous, dispersible complexes of organic matter and sesquioxides if the sesquioxide component is dominated by aluminum but is present only in very small quantities. The organo-sesquioxide material coats sand and silt particles. In some horizons these coatings have coalesced, filled pores, and cemented the horizon. The symbol h is also used in combination with s as "Bhs" if the amount of the sesquioxide component is significant but the color value and chroma, moist, of the horizon are 3 or less.</i>
13	No	9	i	i	<i>Slightly decomposed organic material. This symbol is used with O to indicate the least decomposed of the organic materials. The fiber content of these materials is 40 percent or more (by volume) after rubbing.</i>
14	No	25	j	j	<i>Indicates an accumulation of jarosite. Jarosite is a potassium (ferric) iron hydroxy sulfate mineral (KFe₃(SO₄)₂(OH)₆) that is commonly an alteration product of pyrite that has been exposed to an oxidizing environment. Jarosite has hue of 2.5Y or yellower and normally has chroma of 6 or more, although chroma as low as 3 or 4 have been reported. It forms in preference to iron (hydr)oxides in active acid sulfate soils at pH of 3.5 or less and can be stable in post-active acid sulfate soils for long periods of time at higher pH.</i>
15	No	26	jj	jj	<i>Evidence of cryoturbation. Evidence of cryoturbation includes irregular and broken horizon boundaries, sorted rock fragments, and organic soil materials occurring as bodies and broken layers within and/or between mineral soil layers. The organic bodies and layers are most commonly at the contact between the active layer and the permafrost.</i>

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Domains

Domain Name: horz_desgn_letter_suffix

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
16	No	10	k	k	<i>Accumulation of secondary carbonates. This symbol indicates an accumulation of visible pedogenic calcium carbonate (less than 50 percent, by volume). Carbonate accumulations occur as carbonate filaments, coatings, masses, nodules, disseminated carbonate, or other forms.</i>
17	No	32	kk	kk	<i>Engulfment of horizon by secondary carbonates. This symbol indicates major accumulations of pedogenic calcium carbonate. The suffix kk is used when the soil fabric is plugged with fine grained pedogenic carbonate (50 percent or more, by volume) that occurs as an essentially continuous medium. The suffix corresponds to the stage III plugged horizon or higher of the carbonate morphogenetic stages (Gile et al., 1966).</i>
18	No	11	m	m	<i>Cementation or induration. This symbol indicates continuous or nearly continuous cementation. It is used only for horizons that are more than 90 percent cemented, although they may be fractured. The cemented layer is physically root-restrictive. The predominant cementing agent (or the two dominant ones) may be indicated by adding defined letter suffixes, singly or in pairs. The horizon suffix kkm (and less commonly km) indicates cementation by carbonates; qm, cementation by silica; sm, cementation by iron; yym, cementation by gypsum; kqm, cementation by carbonates and silica; and zm, cementation by salts more soluble than gypsum.</i>
19	No	30	ma	ma	<i>Marl. This symbol, used only with L, indicates a limnic layer of marl.</i>
20	No	12	n	n	<i>Accumulation of sodium. This symbol indicates an accumulation of exchangeable sodium.</i>
21	No	13	o	o	<i>This symbol indicates a residual accumulation of sesquioxides.</i>
22	No	14	p	p	<i>Tillage or other disturbance. This symbol indicates a disturbance of the surface layer by mechanical means, pasturing, or similar uses. A disturbed organic horizon is designated Op. A disturbed mineral horizon is designated Ap even though it is clearly a former E, B, or C horizon.</i>
23	No	15	q	q	<i>Accumulation of silica. This symbol indicates an accumulation of secondary silica.</i>
24	No	16	r	r	<i>Weathered or soft bedrock. This symbol is used with C to indicate layers of bedrock that are moderately cemented or less cemented. Examples are weathered igneous rock and partly consolidated sandstone, siltstone, or shale. The excavation difficulty is low to high.</i>
25	No	17	s	s	<i>Illuvial accumulation of sesquioxides and organic matter. This symbol is used with B to indicate an accumulation of illuvial, amorphous, dispersible complexes of organic matter and sesquioxides if both the organic matter and sesquioxide components are significant and if either the color value or chroma, moist, of the horizon is 4 or more. The symbol is also used in combination with h as "Bhs" if both the organic matter and sesquioxide components are significant and if the color value and chroma, moist, are 3 or less.</i>
26	No	35	se	se	<i>This symbol indicates the presence of sulfides in mineral or organic horizons. Horizons with sulfides typically have dark colors (e.g. value 4, chroma 2). These horizons typically form in soils associated with coastal environments that are permanently saturated or submerged (i.e., tidal marshes or estuaries). Soil materials which have sulfidization actively occurring emanate hydrogen sulfide gas which is detectable by its odor (Fanning and Fanning, 1989, or Fanning et al., 2002). Sulfides may also occur in upland environments that have a source of sulfur to form sulfides. Soils in such environments are often of geologic origin and may not produce a hydrogen sulfide odor. Examples include soils formed in parent materials derived from coal deposits such as lignite or soils formed in coastal plain deposits such as glauconite that have not been oxidized because of thick layers of overburden.</i>

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Domains

Domain Name: horz_desgn_letter_suffix

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
27	No	18	ss	ss	<i>Presence of slickensides. This symbol indicates the presence of slickensides. Slickensides result directly from the swelling of clay minerals and shear failure, commonly at angles of 20 to 60 degrees above horizontal. They are indicators that other vertic characteristics, such as wedge-shaped peds and surface cracks, may be present.</i>
28	No	19	t	t	<i>Accumulation of silicate clay. This symbol indicates an accumulation of silicate clay that has either formed and subsequently been translocated within the horizon or has been moved into the horizon by illuviation, or both. At least some part of the horizon should show evidence of clay accumulation either as coatings on surfaces of peds or in pores, or as lamellae or as bridges between mineral grains.</i>
29	No	33	u	u	<i>Presence of human-manufactured materials (artifacts). This symbol indicates the presence of manufactured artifacts that have been created or modified by humans, usually for a practical purpose in habitation, manufacturing, excavation, or construction activities. Examples of artifacts are processed wood products, liquid petroleum products, coal combustion by-products, asphalt, fibers and fabrics, bricks, cinder blocks, concrete, plastic, glass, rubber, paper, cardboard, iron and steel, altered metals and minerals, sanitary and medical waste, garbage, and landfill waste.</i>
30	No	20	v	v	<i>Plinthite. This symbol indicates the presence of iron-rich, humus-poor, reddish material that is firm or very firm when moist and is less than strongly cemented. It hardens irreversibly when exposed to the atmosphere and to repeated wetting and drying.</i>
31	No	21	w	w	<i>Development of color or structure. This symbol is used only with B to indicate the development of color or structure, or both, with little or no apparent illuvial accumulation of material. It should not be used to indicate a transitional horizon.</i>
32	No	22	x	x	<i>Fragipan character. This symbol indicates a genetically developed layer that has a combination of firmness, brittleness, and commonly a higher bulk density than adjacent layers. Some part of the layer is physically root-restrictive.</i>
33	No	23	y	y	<i>Accumulation of gypsum. This symbol indicates a gypsum accumulation. The suffix y is used when the horizon fabric is dominated by soil particles or minerals other than gypsum. Gypsum is present in amounts that do not significantly obscure or disrupt other features of the horizon.</i>
34	No	34	yy	yy	<i>Dominance of horizon by gypsum. This symbol indicates a horizon that is dominated by the presence of gypsum. The gypsum content may be due to an accumulation of secondary gypsum, the transformation of primary gypsum inherited from parent material, or other processes. Suffix yy is used when the horizon fabric has such an abundance of gypsum (generally 50 percent or more, by volume) that pedogenic and/or lithologic features are obscured or disrupted by growth of gypsum crystals. Colors associated with horizons that use suffix yy are typically highly whitened with value of 7 through 9.5 and chroma of 2 or less.</i>
35	No	24	z	z	<i>Accumulation of salts more soluble than gypsum. This symbol indicates an accumulation of salts that are more soluble than gypsum.</i>

Domain Name: horz_desgn_master

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
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NASIS 7.1.4

Domains

Domain Name: horz_desgn_master

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	O	O	<i>Layers dominated by organic material. Some are saturated with water for long periods, or were once saturated but are now artificially drained; others have never been saturated.</i>
2	No	2	A	A	<i>Mineral horizons which have formed at the surface or below an O horizon; they exhibit obliteration of all or much of the original rock structure and show one or both of the following: (1) an accumulation of humified organic closely mixed with the mineral fraction and not dominated by properties characteristic of E or B horizons, or (2) properties resulting from cultivation, pasturing, or similar kinds of disturbance.</i>
3	No	3	E	E	<i>Mineral horizons in which the main feature is loss of silicate clay, iron, or aluminum, or some combination of these, leaving a concentration of sand and silt particles. These horizons exhibit obliteration of all or much of the original rock structure.</i>
4	No	4	B	B	<i>Horizons which have formed below an A, E, or O horizon. They are dominated by the obliteration of all or much of the original rock structure and show one or more of the following:</i> <ol style="list-style-type: none"> <i>1. Illuvial concentration of silicate clay, iron, aluminum, humus, carbonates, gypsum, or silica, alone or in combination;</i> <i>2. Evidence of the removal or addition of carbonates;</i> <i>3. Residual concentration of oxides;</i> <i>4. Coatings of sesquioxides that make the horizon conspicuously lower in color value, higher in chroma, or redder in hue, without apparent illuviation of iron;</i> <i>5. Alteration that forms silicate clay or liberates oxides, or both, and that forms a granular, blocky, or prismatic structure if volume changes accompany changes in moisture content;</i> <i>6. Brittleness; or</i> <i>7. Strong gleying.</i>
5	No	5	C	C	<i>Horizons or layers, excluding hard bedrock, that are little affected by pedogenic processes and lack the properties of O, A, E, or B horizons. Most are mineral layers. The material of C layers may be either like or unlike the material from which the solum has presumably formed. The C horizon may have been modified, even if there is no evidence of pedogenesis.</i>
6	No	6	R	R	<i>Strongly cemented to indurated bedrock.</i>
7	No	7	AB	AB	<i>Horizons dominated by properties of one master horizon but having subordinate properties of another. The first of these symbols indicates that the properties of the horizon so designated dominate the transitional horizon. An AB horizon, for example, has characteristics of both an overlying A horizon and an underlying B horizon, but it is more like the A than like the B.</i>
8	No	8	AE	AE	<i>Horizons dominated by properties of one master horizon but having subordinate properties of another. The first of these symbols indicates that the properties of the horizon so designated dominate the transitional horizon. An AE horizon, for example, has characteristics of both an overlying A horizon and an underlying E horizon, but it is more like the A than like the E.</i>
9	No	9	AC	AC	<i>Horizons dominated by properties of one master horizon but having subordinate properties of another. The first of these symbols indicates that the properties of the horizon so designated dominate the transitional horizon. An AC horizon, for example, has characteristics of both an overlying A horizon and an underlying C horizon, but it is more like the A than like the C.</i>

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Domain Name: horz_desgn_master

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
10	No	10	EA	EA	<i>Horizons dominated by properties of one master horizon but having subordinate properties of another. The first of these symbols indicates that the properties of the horizon so designated dominate the transitional horizon. An AB horizon, for example, has characteristics of both an overlying A horizon and an underlying B horizon, but it is more like the A than like the B.</i>
11	No	11	EB	EB	<i>Horizons dominated by properties of one master horizon but having subordinate properties of another. The first of these symbols indicates that the properties of the horizon so designated dominate the transitional horizon. An AB horizon, for example, has characteristics of both an overlying A horizon and an underlying B horizon, but it is more like the A than like the B.</i>
12	No	12	BA	BA	<i>Horizons dominated by properties of one master horizon but having subordinate properties of another. The first of these symbols indicates that the properties of the horizon so designated dominate the transitional horizon. An AB horizon, for example, has characteristics of both an overlying A horizon and an underlying B horizon, but it is more like the A than like the B.</i>
13	No	13	BE	BE	<i>Horizons dominated by properties of one master horizon but having subordinate properties of another. The first of these symbols indicates that the properties of the horizon so designated dominate the transitional horizon. An AB horizon, for example, has characteristics of both an overlying A horizon and an underlying B horizon, but it is more like the A than like the B.</i>
14	No	14	BC	BC	<i>Horizons dominated by properties of one master horizon but having subordinate properties of another. The first of these symbols indicates that the properties of the horizon so designated dominate the transitional horizon. An AB horizon, for example, has characteristics of both an overlying A horizon and an underlying B horizon, but it is more like the A than like the B.</i>
15	No	15	CA	CA	<i>Horizons dominated by properties of one master horizon but having subordinate properties of another. The first of these symbols indicates that the properties of the horizon so designated dominate the transitional horizon. An AB horizon, for example, has characteristics of both an overlying A horizon and an underlying B horizon, but it is more like the A than like the B.</i>
16	No	16	CB	CB	<i>Horizons dominated by properties of one master horizon but having subordinate properties of another. The first of these symbols indicates that the properties of the horizon so designated dominate the transitional horizon. An AB horizon, for example, has characteristics of both an overlying A horizon and an underlying B horizon, but it is more like the A than like the B.</i>
17	No	17	A/E	A/E	<i>Horizons with two distinct parts that have recognizable properties of the two kinds of master horizons indicated by the capital letters. Most of the individual parts of one horizon component are surrounded by the other.</i>
18	No	18	A/B	A/B	<i>Horizons with two distinct parts that have recognizable properties of the two kinds of master horizons indicated by the capital letters. Most of the individual parts of one horizon component are surrounded by the other.</i>
19	No	19	A/C	A/C	<i>Horizons with two distinct parts that have recognizable properties of the two kinds of master horizons indicated by the capital letters. Most of the individual parts of one horizon component are surrounded by the other.</i>
20	No	20	E/A	E/A	<i>Horizons with two distinct parts that have recognizable properties of the two kinds of master horizons indicated by the capital letters. Most of the individual parts of one horizon component are surrounded by the other.</i>
21	No	21	E/B	E/B	<i>Horizons with two distinct parts that have recognizable properties of the two kinds of master horizons indicated by the capital letters. Most of the individual parts of one horizon component are surrounded by the other.</i>

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Domains

Domain Name: horz_desgn_master

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
22	No	22	B/A	B/A	<i>Horizons with two distinct parts that have recognizable properties of the two kinds of master horizons indicated by the capital letters. Most of the individual parts of one horizon component are surrounded by the other.</i>
23	No	23	B/E	B/E	<i>Horizons with two distinct parts that have recognizable properties of the two kinds of master horizons indicated by the capital letters. Most of the individual parts of one horizon component are surrounded by the other.</i>
24	No	24	B/C	B/C	<i>Horizons with two distinct parts that have recognizable properties of the two kinds of master horizons indicated by the capital letters. Most of the individual parts of one horizon component are surrounded by the other.</i>
25	No	25	C/A	C/A	<i>Horizons with two distinct parts that have recognizable properties of the two kinds of master horizons indicated by the capital letters. Most of the individual parts of one horizon component are surrounded by the other.</i>
26	No	26	C/B	C/B	<i>Horizons with two distinct parts that have recognizable properties of the two kinds of master horizons indicated by the capital letters. Most of the individual parts of one horizon component are surrounded by the other.</i>
27	No	27	E and B	E and B	<i>Horizons that are composed of lamellae that are separated from each other by eluvial layers.</i>
28	Yes	28	O'	O'	
29	Yes	29	A'	A'	
30	Yes	30	E'	E'	
31	Yes	31	B'	B'	
32	Yes	32	C'	C'	
33	Yes	33	O''	O''	
34	Yes	34	A''	A''	
35	Yes	35	E''	E''	
36	Yes	36	B''	B''	
37	Yes	37	C''	C''	
38	Yes	38	H	H	<i>A horizon designation that will only be used for conversion from SSSD layers to NASIS horizons. This designation should never be used aside for this one purpose.</i>
39	No	39	W	W	<i>Water. This symbol indicates water layers within or beneath the soil. The water layer is designated as Wf if it is permanently frozen and as W if it is not permanently frozen. The W (or Wf) designation is not used for shallow water, ice, or snow above the soil surface.</i>
40	No	40	L	L	<i>Layers dominated by limnic material. Limnic horizons or layers include both organic and mineral limnic materials that were either (1) deposited in water by precipitation or through the actions of aquatic organisms, such as algae and diatoms, or (2) derived from underwater and floating aquatic plants and subsequently modified by aquatic animals.</i>
41	No	41	EC	EC	
42	No	42	B and E	B and E	<i>Horizons that are composed of lamellae that are separated from each other by eluvial layers.</i>
43	No	43	M	M	<i>Root-limiting, subsoil layers consisting of nearly continuous, horizontally oriented, human manufactured materials. Examples of materials designated by the letter M include geotextile liners, asphalt, concrete, rubber, and plastic.</i>

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Domains

Domain Name: horz_desgn_master

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
44	No	44	^O	^O	<p>The "caret" symbol (^) is used as a prefix to master horizon designations to indicate mineral or organic layers of human-transported material. This material has been moved horizontally onto a pedon from a source area outside of that pedon by directed human activity, usually with the aid of machinery. All horizons and layers formed in human-transported material are indicated by a "caret" prefix (e.g., ^A-^C-Ab-Btb).</p> <p>The "O" indicates layers dominated by organic material. Some are saturated with water for long periods, or were once saturated but are now artificially drained; others have never been saturated.</p>
45	No	45	^A	^A	<p>The "caret" symbol (^) is used as a prefix to master horizon designations to indicate mineral or organic layers of human-transported material. This material has been moved horizontally onto a pedon from a source area outside of that pedon by directed human activity, usually with the aid of machinery. All horizons and layers formed in human-transported material are indicated by a "caret" prefix (e.g., ^A-^C-Ab-Btb).</p> <p>The "A" is assigned to mineral horizons which have formed at the surface or below an O horizon; they exhibit obliteration of all or much of the original rock structure and show one or both of the following: (1) an accumulation of humified organic closely mixed with the mineral fraction and not dominated by properties characteristic of E or B horizons, or (2) properties resulting from cultivation, pasturing, or similar kinds of disturbance.</p>
46	No	46	^E	^E	<p>The "caret" symbol (^) is used as a prefix to master horizon designations to indicate mineral or organic layers of human-transported material. This material has been moved horizontally onto a pedon from a source area outside of that pedon by directed human activity, usually with the aid of machinery. All horizons and layers formed in human-transported material are indicated by a "caret" prefix (e.g., ^A-^C-Ab-Btb).</p> <p>The "E" is assigned to mineral horizons in which the main feature is loss of silicate clay, iron, or aluminum, or some combination of these, leaving a concentration of sand and silt particles. These horizons exhibit obliteration of all or much of the original rock structure.</p>

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Domains

Domain Name: horz_desgn_master

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
47	No	47	^B	^B	<p>The "caret" symbol (^) is used as a prefix to master horizon designations to indicate mineral or organic layers of human-transported material. This material has been moved horizontally onto a pedon from a source area outside of that pedon by directed human activity, usually with the aid of machinery. All horizons and layers formed in human-transported material are indicated by a "caret" prefix (e.g., ^A-^C-Ab-Btb).</p> <p>The "B" is assigned to horizons which have formed below an A, E, or O horizon. They are dominated by the obliteration of all or much of the original rock structure and show one or more of the following:</p> <ol style="list-style-type: none"> 1. Illuvial concentration of silicate clay, iron, aluminum, humus, carbonates, gypsum, or silica, alone or in combination; 2. Evidence of the removal or addition of carbonates; 3. Residual concentration of oxides; 4. Coatings of sesquioxides that make the horizon conspicuously lower in color value, higher in chroma, or redder in hue, without apparent illuviation of iron; 5. Alteration that forms silicate clay or liberates oxides, or both, and that forms a granular, blocky, or prismatic structure if volume changes accompany changes in moisture content; 6. Brittleness; or 7. Strong gleying.
48	No	48	^C	^C	<p>The "caret" symbol (^) is used as a prefix to master horizon designations to indicate mineral or organic layers of human-transported material. This material has been moved horizontally onto a pedon from a source area outside of that pedon by directed human activity, usually with the aid of machinery. All horizons and layers formed in human-transported material are indicated by a "caret" prefix (e.g., ^A-^C-Ab-Btb).</p> <p>The "C" is assigned to horizons or layers, excluding hard bedrock, that are little affected by pedogenic processes and lack the properties of O, A, E, or B horizons. Most are mineral layers. The material of C layers may be either like or unlike the material from which the solum has presumably formed. The C horizon may have been modified, even if there is no evidence of pedogenesis.</p>
49	No	49	^AB	^AB	<p>The "caret" symbol (^) is used as a prefix to master horizon designations to indicate mineral or organic layers of human-transported material. This material has been moved horizontally onto a pedon from a source area outside of that pedon by directed human activity, usually with the aid of machinery. All horizons and layers formed in human-transported material are indicated by a "caret" prefix (e.g., ^A-^C-Ab-Btb).</p>
50	No	50	^BA	^BA	<p>The "caret" symbol (^) is used as a prefix to master horizon designations to indicate mineral or organic layers of human-transported material. This material has been moved horizontally onto a pedon from a source area outside of that pedon by directed human activity, usually with the aid of machinery. All horizons and layers formed in human-transported material are indicated by a "caret" prefix (e.g., ^A-^C-Ab-Btb).</p>

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Domains

Domain Name: horz_desgn_master

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
51	No	51	^AE	^AE	<i>The "caret" symbol (^) is used as a prefix to master horizon designations to indicate mineral or organic layers of human-transported material. This material has been moved horizontally onto a pedon from a source area outside of that pedon by directed human activity, usually with the aid of machinery. All horizons and layers formed in human-transported material are indicated by a "caret" prefix (e.g., ^A-^C-Ab-Btb).</i>
52	No	52	^EA	^EA	<i>The "caret" symbol (^) is used as a prefix to master horizon designations to indicate mineral or organic layers of human-transported material. This material has been moved horizontally onto a pedon from a source area outside of that pedon by directed human activity, usually with the aid of machinery. All horizons and layers formed in human-transported material are indicated by a "caret" prefix (e.g., ^A-^C-Ab-Btb).</i>
53	No	53	^EB	^EB	<i>The "caret" symbol (^) is used as a prefix to master horizon designations to indicate mineral or organic layers of human-transported material. This material has been moved horizontally onto a pedon from a source area outside of that pedon by directed human activity, usually with the aid of machinery. All horizons and layers formed in human-transported material are indicated by a "caret" prefix (e.g., ^A-^C-Ab-Btb).</i>
54	No	54	^BE	^BE	<i>The "caret" symbol (^) is used as a prefix to master horizon designations to indicate mineral or organic layers of human-transported material. This material has been moved horizontally onto a pedon from a source area outside of that pedon by directed human activity, usually with the aid of machinery. All horizons and layers formed in human-transported material are indicated by a "caret" prefix (e.g., ^A-^C-Ab-Btb).</i>
55	No	55	^AC	^AC	<i>The "caret" symbol (^) is used as a prefix to master horizon designations to indicate mineral or organic layers of human-transported material. This material has been moved horizontally onto a pedon from a source area outside of that pedon by directed human activity, usually with the aid of machinery. All horizons and layers formed in human-transported material are indicated by a "caret" prefix (e.g., ^A-^C-Ab-Btb).</i>
56	No	56	^CA	^CA	<i>The "caret" symbol (^) is used as a prefix to master horizon designations to indicate mineral or organic layers of human-transported material. This material has been moved horizontally onto a pedon from a source area outside of that pedon by directed human activity, usually with the aid of machinery. All horizons and layers formed in human-transported material are indicated by a "caret" prefix (e.g., ^A-^C-Ab-Btb).</i>
57	No	57	^BC	^BC	<i>The "caret" symbol (^) is used as a prefix to master horizon designations to indicate mineral or organic layers of human-transported material. This material has been moved horizontally onto a pedon from a source area outside of that pedon by directed human activity, usually with the aid of machinery. All horizons and layers formed in human-transported material are indicated by a "caret" prefix (e.g., ^A-^C-Ab-Btb).</i>
58	No	58	^CB	^CB	<i>The "caret" symbol (^) is used as a prefix to master horizon designations to indicate mineral or organic layers of human-transported material. This material has been moved horizontally onto a pedon from a source area outside of that pedon by directed human activity, usually with the aid of machinery. All horizons and layers formed in human-transported material are indicated by a "caret" prefix (e.g., ^A-^C-Ab-Btb).</i>

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Domain Name: horz_desgn_master

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
59	No	59	^A/B	^A/B	The "caret" symbol (^) is used as a prefix to master horizon designations to indicate mineral or organic layers of human-transported material. This material has been moved horizontally onto a pedon from a source area outside of that pedon by directed human activity, usually with the aid of machinery. All horizons and layers formed in human-transported material are indicated by a "caret" prefix (e.g., ^A-^C-Ab-Btb).
60	No	60	^B/A	^B/A	The "caret" symbol (^) is used as a prefix to master horizon designations to indicate mineral or organic layers of human-transported material. This material has been moved horizontally onto a pedon from a source area outside of that pedon by directed human activity, usually with the aid of machinery. All horizons and layers formed in human-transported material are indicated by a "caret" prefix (e.g., ^A-^C-Ab-Btb).
61	No	61	^A/E	^A/E	The "caret" symbol (^) is used as a prefix to master horizon designations to indicate mineral or organic layers of human-transported material. This material has been moved horizontally onto a pedon from a source area outside of that pedon by directed human activity, usually with the aid of machinery. All horizons and layers formed in human-transported material are indicated by a "caret" prefix (e.g., ^A-^C-Ab-Btb).
62	No	62	^E/A	^E/A	The "caret" symbol (^) is used as a prefix to master horizon designations to indicate mineral or organic layers of human-transported material. This material has been moved horizontally onto a pedon from a source area outside of that pedon by directed human activity, usually with the aid of machinery. All horizons and layers formed in human-transported material are indicated by a "caret" prefix (e.g., ^A-^C-Ab-Btb).
63	No	63	^A/C	^A/C	The "caret" symbol (^) is used as a prefix to master horizon designations to indicate mineral or organic layers of human-transported material. This material has been moved horizontally onto a pedon from a source area outside of that pedon by directed human activity, usually with the aid of machinery. All horizons and layers formed in human-transported material are indicated by a "caret" prefix (e.g., ^A-^C-Ab-Btb).
64	No	64	^C/A	^C/A	The "caret" symbol (^) is used as a prefix to master horizon designations to indicate mineral or organic layers of human-transported material. This material has been moved horizontally onto a pedon from a source area outside of that pedon by directed human activity, usually with the aid of machinery. All horizons and layers formed in human-transported material are indicated by a "caret" prefix (e.g., ^A-^C-Ab-Btb).
65	No	65	^B/C	^B/C	The "caret" symbol (^) is used as a prefix to master horizon designations to indicate mineral or organic layers of human-transported material. This material has been moved horizontally onto a pedon from a source area outside of that pedon by directed human activity, usually with the aid of machinery. All horizons and layers formed in human-transported material are indicated by a "caret" prefix (e.g., ^A-^C-Ab-Btb).
66	No	66	^C/B	^C/B	The "caret" symbol (^) is used as a prefix to master horizon designations to indicate mineral or organic layers of human-transported material. This material has been moved horizontally onto a pedon from a source area outside of that pedon by directed human activity, usually with the aid of machinery. All horizons and layers formed in human-transported material are indicated by a "caret" prefix (e.g., ^A-^C-Ab-Btb).

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Domain Name: horz_desgn_master

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
67	No	67	V	V	<i>V horizon can be defined as: Mineral horizons that have formed at the soil surface, or below a layer of rock fragments (e.g., desert pavement) or a physical or biological crust in arid environments. They are recognized by the predominance of vesicular pores indicating a soil morphology that drastically reduces or prevents the infiltration of rainfall, and air exchange with the atmosphere. They are unvegetated and appear with unbroken massive structural morphology that is often very friable when moist, slightly hard to very hard when dry, but not cemented. They have no or only very weak secondary structural aggregates. V horizons are often lighter in color (higher value) and lower in organic carbon than the horizon below it.</i>

Domain Name: horz_desgn_master_prime

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	'	'	
2	No	2	"	"	
3	No	3	'''	'''	
4	No	4	''''	''''	
5	No	5	'''''	'''''	

Domain Name: human_artifact_cohesion

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	cohesive	Cohesive	<i>Artifacts adhere together sufficiently so that they can not be easily broken into <2 mm size pieces either by hand or with a simple crushing device such as a mortar and pestle.</i>
2	No	2	noncohesive	Noncohesive	<i>Artifacts are easily broken into <2 mm size pieces either by hand or with a simple crushing device such as a mortar and pestle. They are similar to pararock fragments and will be incorporated into fine-earth fraction of the soil during routine laboratory sample preparation.</i>

Domain Name: human_artifact_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	bitumen (asphalt)	Bitumen (asphalt)	<i>Brown or black tarlike, bituminous substance consisting mainly of hydrocarbons, that is mixed with sand and gravel for cementing, paving, road surfaces, etc. also includes fiberglass roofing shingles (Websters, 2004).</i>
2	No	2	boiler slag	Boiler slag	<i>Hard black angular particles with a smooth glassy appearance that form when molten slag comes in contact with quenching water; a type of coal combustion byproduct.</i>
3	No	3	bottom ash	Bottam ash	<i>Coarse, granular, and porous agglomerated ash particles grey to black in color, collected from the bottom of coal furnaces; a type of coal combustion byproduct.</i>

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Domain Name: human_artifact_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
4	No	4	brick	Brick	<i>Shaped block of baked clay used for construction of structures or roads (ODES, 1999).</i>
5	No	5	cardboard	Cardboard	<i>Thick, cellulosic paper or paste board (Rosenbaum, 2003).</i>
6	No	6	carpet	Carpet	<i>Thick heavy fabric of wool, cotton, or synthetic fibers for covering a floor or stairs (Websters, 2004).</i>
7	No	7	cloth	Cloth	<i>Woven, knitted, or pressed fabric of fibrous material such as cotton, wool, silk, hair, or synthetic fibers that is used as wearing apparel, towels, curtains, etc. (Websters, 2004)</i>
8	No	20	coal combustion byproducts	Coal combustion byproducts	<i>A general term for byproducts resulting from the combustion of coal.</i>
9	No	8	concrete	Concrete	<i>Building material composed of cement, various types of aggregate and water in varying proportions according to use (structural supports, flooring, road surfaces, etc.); when mixed together the material hardens to a rock-like consistency (ODES, 1999).</i>
10	No	9	debitage	Debitage	<i>A waste product (stone chips and flakes) derived from the manufacture of stone tools or weapons.</i>
11	No	10	fly ash	Fly ash	<i>2mm or larger agglomerated ash particles, generally light tan in color, produced from the combustion of finely ground coal and removed from plant exhaust gases a type of coal combustion byproduct. The material is commonly collected in large settling basins.</i>
12	No	11	glass	Glass	<i>Hard, brittle, usually transparent or translucent substance made by fusing sand with soda and lime and used primarily for windows and liquid containers (OADDT, 2001).</i>
13	No	12	metal	Metal	<i>Any of various metallic materials used in construction or manufacturing structural support, reinforcement, or wire, and composed of, but not limited to iron, steel, aluminum and copper. Examples include pieces of rebar, machinery, tools, automobile trim, and metallic toys.</i>
14	No	13	paper	Paper	<i>A material substance made from compacted interlaced fibers of rags, wood, or straw (Rosenbaum, 2003).</i>
15	No	14	plasterboard	Plasterboard	<i>Paper-coated board with a core of plaster (CaSO₄*2H₂O) used to make walls in modern structures (Rosenbaum, 2003).</i>
16	No	15	plastic	Plastic	<i>Any of various nonmetallic compounds, synthetically produced, usually from organic compounds by polymerization, which can be molded into various forms and hardened or formed into pliable sheets, films, fibers, etc. for commercial use as bags, many types of toys, pvc pipe, etc. (Websters, 2004)</i>
17	No	16	potsherd	Potsherd	<i>Broken fragments of pottery, crockery, dishes and ceramics. These materials may range in age from modern to prehistoric.</i>
18	No	17	rubber	Rubber	<i>Natural and synthetic materials used for flooring, hoses, tires, car moldings, and certain types of garments such as neoprene and latex gloves, spandex clothing and some types of footwear.</i>
19	No	18	treated wood	Treated wood	<i>Cellulosic post and lumber products treated with preservatives and processes to extend the durability of the material and retard decay by insects or fungi.</i>
20	No	19	untreated wood	Untreated wood	<i>Cellulosic post and lumber products that have not been treated with preservatives or processes to extend the durability of the material.</i>

Domain Name: human_artifact_penetrability

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	nonpenetrable	Nonpenetrable	<i>Roots cannot penetrate through the solid parts of the artifact or between the component parts of the artifact.</i>

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Domain Name: human_artifact_penetrability

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
2	No	2	penetrable	Penetrable	<i>Roots can penetrate through the solid parts of the artifact or between component parts of the artifact.</i>

Domain Name: human_artifact_persistence

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	nonpersistent	Nonpersistent	<i>The artifact is susceptible to relatively rapid weathering or decay and is expected to be lost from the soil in less than a decade.</i>
2	No	2	persistent	Persistent	<i>The artifact is expected to remain intact in the soil for a decade or more.</i>

Domain Name: human_artifact_safety

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	innocuous artifacts	Innocuous artifacts	<i>Artifacts considered to be harmless to living beings. Examples include untreated wood products, iron, bricks, cinder blocks, concrete, plastic, glass, rubber, organic fibers, inorganic fibers, unprinted paper and cardboard, and some mineral and metal products. Any sharp innocuous artifacts can cause injury, but the materials themselves are still considered innocuous.</i>
2	No	2	noxious artifacts	Noxious artifacts	<i>Artifacts that are potentially harmful or destructive to living beings unless dealt with carefully. The harm may be immediate or long-term, or through direct or indirect contact. Examples include Arsenic-treated wood products, batteries, waste and garbage, radioactive fallout, liquid petroleum products, asphalt, coal ash, paper printed with metallic ink, and some mineral and metal products.</i>

Domain Name: human_artifact_shape

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	elongated	Elongated	<i>One dimension is three times longer than both of the others.</i>
2	No	4	equidimensional	Equidimensional	<i>Dimensions in length, width, and height are approximately similar.</i>
3	No	2	flat	Flat	<i>One dimension is less than one-third that of both of the others, and one dimension is less than three times that of the intermediate dimension.</i>
4	No	3	irregular	Irregular	<i>Characterized by a branching, convoluted form.</i>

Domain Name: hydric_condition

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	farmable	Farmable under natural conditions	<i>Farmable under natural conditions.</i>

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Domains

Domain Name: hydric_condition

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
2	No	3	neither	Neither wooded nor farmable under natural	<i>Neither wooded nor farmable under natural conditions.</i>
3	No	2	wooded	Wooded under natural conditions	<i>Wooded under natural conditions.</i>

Domain Name: hydric_criteria

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	1	1	<i>All Histels except Folistels, and all Histosols except Folists.</i>
2	No	2	2	2	<i>Soils in Aquic suborders, great groups, or subgroups, Albolls suborder, Historthels great group, Histoturbels great group, or Andic, Cumulic, Pachic, or Vitrandic subgroups that: (a) Based on the range of characteristics for the soil series, will at least in part meet one or more Field Indicators of Hydric Soils in the United States, or (b) Show evidence that the soil meets the definition of a hydric soil. (Federal Register Doc. 2012-4733 Filed 2-28-12)</i>
3	No	6	3	3	<i>[Previous choices of 2a, 2b1, 2b2, and 2b3 have been deleted as choices per request of Lenore Vasilas at the behest of the National Technical Committee for Hydric Soils.]</i> <i>Soils that are frequently ponded for long duration or very long duration during the growing season.</i>
4	No	7	4	4	<i>Soils that are frequently flooded for long duration or very long duration during the growing season.</i>

Domain Name: hydric_rating

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	yes	Yes	
2	No	2	no	No	
3	No	3	unranked	Unranked	

Domain Name: hydric_soil_indicator

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	a1	A1 Histosol or Histel	<i>Classifies as a Histosol (except Folist) or as a Histel (except Folistel).</i>
2	No	10	a10	A10 2 cm Muck	<i>A layer of muck 2 cm (0.75 inch) or more thick with value of 3 or less and chroma of 1 or less, starting within 15 cm (6 inches) of the soil surface.</i>

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Domains

Domain Name: hydric_soil_indicator

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
3	No	11	a11	A11 Depleted Below Dark Surface	<p><i>A layer with a depleted or gleyed matrix that has 60 percent or more chroma of 2 or less, starting within 30 cm (12 inches) of the soil surface, and having a minimum thickness of either:</i></p> <p><i>a. 15 cm (6 inches), or</i></p> <p><i>b. 5 cm (2 inches) if the 5 cm consists of fragmental soil material.</i></p> <p><i>Loamy or clayey layer(s) above the depleted or gleyed matrix must have value of 3 or less and chroma of 2 or less. Any sandy material above the depleted or gleyed matrix must have value of 3 or less and chroma of 1 or less, and, viewed through a 10x or 15x hand lens, at least 70 percent of the visible soil particles must be masked with organic material. Observed without a hand lens, the particles appear to be close to 100 percent masked.</i></p>
4	No	12	a12	A12 Thick Dark Surface	<p><i>A layer at least 15 cm (6 inches) thick with a depleted or gleyed matrix that has 60 percent or more chroma of 2 or less starting below 30 cm (12 inches) of the surface. The layer(s) above the depleted or gleyed matrix must have value of 2.5 or less and chroma of 1 or less to a depth of at least 30 cm (12 inches) and value of 3 or less and chroma of 1 or less in any remaining layers above the depleted or gleyed matrix.</i></p> <p><i>In any sandy material above the depleted or gleyed matrix, at least 70 percent of the visible soil particles must be masked with organic material, viewed through a 10x or 15x hand lens. Observed without a hand lens, the particles appear to be close to 100 percent masked.</i></p>
5	No	13	a13	A13 Alaska Gleyed	<i>A mineral layer with a dominant hue of N, 10Y, 5GY, 10GY, 5G, 10G, 5BG, 10BG, 5B, 10B, or 5PB and with value of 4 or more in more than 50 percent of the matrix. The layer starts within 30 cm (12 inches) of the mineral surface and is underlain within 1.5 m (60 inches) by soil material with hue of 5Y or redder in the same type of parent material.</i>
6	No	14	a14	A14 Alaska Redox	<i>A mineral layer that has dominant hue of 5Y with chroma of 3 or less, or a gleyed matrix, with 10 percent or more distinct or prominent redox concentrations occurring as pore linings with value and chroma of 4 or more. The layer occurs within 30 cm (12 inches) of the soil surface.</i>
7	No	15	a15	A15 Alaska Gleyed Pores	<i>A mineral layer that has 10 percent or more hue of N, 10Y, 5GY, 10GY, 5G, 10G, 5BG, 10BG, 5B, 10B, or 5PB with value of 4 or more along root channels or other pores and that starts within 30 cm (12 inches) of the soil surface. The matrix has a dominant hue of 5Y or redder.</i>
8	No	16	a16	A16 Coast Prairie Redox	<i>A layer starting within 15 cm (6 inches) of the soil surface that is at least 10 cm (4 inches) thick and has a matrix chroma of 3 or less with 2 percent or more distinct or prominent redox concentrations occurring as soft masses and/or pore linings.</i>
9	No	2	a2	A2 Histic Epipedon	<i>A histic epipedon underlain by mineral soil material with chroma of 2 or less.</i>
10	No	3	a3	A3 Black Histic	<i>A layer of peat, mucky peat, or muck 20 cm (8 inches) or more thick that starts within the upper 15 cm (6 inches) of the soil surface; has hue of 10YR or yellower, value of 3 or less, and chroma of 1 or less; and is underlain by mineral soil material with chroma of 2 or less.</i>
11	No	4	a4	A4 Hydrogen Sulfide	<i>A hydrogen sulfide odor within 30 cm (12 inches) of the soil surface.</i>

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Domain Name: hydric_soil_indicator

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
12	No	5	a5	A5 Stratified Layers	<i>Several stratified layers starting within the upper 15 cm (6 inches) of the soil surface. At least one of the layers has value of 3 or less and chroma of 1 or less, or it is muck, mucky peat, peat, or a mucky modified mineral texture. The remaining layers have chroma of 2 or less. For any sandy material that constitutes the layer with value of 3 or less and chroma of 1 or less, at least 70 percent of the visible soil particles must be masked with organic material, viewed through a 10x or 15x hand lens. Observed without a hand lens, the particles appear to be close to 100 percent masked.</i>
13	No	6	a6	A6 Organic Bodies	<i>Presence of 2 percent or more organic bodies of muck or a mucky modified mineral texture starting within 15 cm (6 inches) of the soil surface.</i>
14	No	7	a7	A7 5 cm Mucky Mineral	<i>A layer of mucky modified mineral soil material 5 cm (2 inches) or more thick, starting within 15 cm (6 inches) of the soil surface.</i>
15	No	8	a8	A8 Muck Presence	<i>A layer of muck with value of 3 or less and chroma of 1 or less, starting within 15 cm (6 inches) of the soil surface.</i>
16	No	9	a9	A9 1 cm Muck	<i>A layer of muck 1 cm (0.5 inch) or more thick with value of 3 or less and chroma of 1 or less and starting within 15 cm (6 inches) of the soil surface.</i>
17	No	26	f1	F1 Loamy Mucky Mineral	<i>A layer of mucky modified loamy or clayey soil material 10 cm (4 inches) or more thick starting within 15 cm (6 inches) of the soil surface.</i>
18	No	33	f10	F10 Marl	<i>A layer of marl with value of 5 or more and chroma less than 2 starting within 10 cm (4 inches) of the soil surface.</i>
19	No	34	f11	F11 Depleted Ochric	<i>A layer(s) 10 cm (4 inches) or more thick in which 60 percent or more of the matrix has value of 4 or more and chroma of 1 or less. The layer is entirely within the upper 25 cm (10 inches) of the soil.</i>
20	No	35	f12	F12 Iron-Manganese Masses	<i>On flood plains, a layer 10 cm (4 inches) or more thick with 40 percent or more chroma of 2 or less and 2 percent or more distinct or prominent redox concentrations occurring as soft iron-manganese masses with diffuse boundaries. The layer occurs entirely within 30 cm (12 inches) of the soil surface. Iron-manganese masses have value and chroma of 3 or less. Most commonly, they are black. The thickness requirement is waived if the layer is the mineral surface layer</i>
21	No	36	f13	F13 Umbric Surface	<i>In depressions and other concave landforms, a layer 25 cm (10 inches) or more thick, starting within 15 cm (6 inches) of the soil surface, in which the upper 15 cm (6 inches) has value of 3 or less and chroma of 1 or less and in which the lower 10 cm (4 inches) has the same colors as those described above or any other color that has chroma of 2 or less.</i>
22	No	37	f16	F16 High Plains Depressions	<i>In closed depressions that are subject to ponding, a mineral soil that has chroma of 1 or less to a depth of at least 35 cm (13.5 inches) and a layer at least 10 cm (4 inches) thick within the upper 35 cm (13.5 inches) of the mineral soil that has either: a. 1 percent or more redox concentrations occurring as nodules or concretions, or b. Redox concentrations occurring as nodules or concretions with distinct or prominent corona.</i>
23	No	38	f17	F17 Delta Ochric	<i>A layer 10 cm (4 inches) or more thick in which 60 percent or more of the matrix has value of 4 or more and chroma of 2 or less and there are no redox concentrations. This layer occurs entirely within the upper 30 cm (12 inches) of the soil.</i>

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Domains

Domain Name: hydric_soil_indicator

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
24	No	39	f18	F18 Reduced Vertic	<i>In Vertisols and Vertic intergrades, a positive reaction to alpha-alpha-dipyridyl that: a. Is the dominant (60 percent or more) condition of a layer at least 4 inches thick within the upper 12 inches (or at least 2 inches thick within the upper 6 inches) of the mineral or muck soil surface, b. Occurs for at least 7 continuous days and 28 cumulative days, and c. Occurs during a normal or drier season and month (within 16 to 84 percent of probable precipitation).</i>
25	No	40	f19	F19 Piedmont Flood Plain Soils	<i>On active flood plains, a mineral layer at least 15 cm (6 inches) thick, starting within 25 cm (10 inches) of the soil surface, with a matrix (60 percent or more of the volume) chroma of less than 4 and 20 percent or more distinct or prominent redox concentrations occurring as soft masses or pore linings.</i>
26	No	27	f2	F2 Loamy Gleyed Matrix	<i>A gleyed matrix that occupies 60 percent or more of a layer starting within 30 cm (12 inches) of the soil surface.</i>
27	No	41	f20	F20 Anomalous Bright Loamy Soils	<i>Within 200 meters (656 feet) of estuarine marshes or water and within 1 m (3.28 feet) of mean high water, a mineral layer at least 10 cm (4 inches) thick, starting within 20 cm (8 inches) of the soil surface, with a matrix (60 percent or more of the volume) chroma of less than 5 and 10 percent or more distinct or prominent redox concentrations occurring as soft masses or pore linings and/or depletions.</i>
28	No	42	f21	F21 Red Parent Material	<i>A layer derived from red parent material (see glossary) that is at least 10 cm (4 inches) thick, starting within 25 cm (10 inches) of the soil surface with a hue of 7.5YR or redder. The matrix has a value and chroma greater than 2 and less than or equal to 4. The layer must contain 10 percent or more depletions and/or distinct or prominent redox concentrations occurring as soft masses or pore linings. Redox depletions should differ in color by having: a.) Value one or more higher and chroma one or more lower than the matrix, or b.) Value of 4 or more and chroma of 2 or less.</i>
29	No	28	f3	F3 Depleted Matrix	<i>A layer that has a depleted matrix with 60 percent or more chroma of 2 or less and that has a minimum thickness of either: a. 5 cm (2 inches) if the 5 cm is entirely within the upper 15 cm (6 inches) of the soil, or b. 15 cm (6 inches), starting within 25 cm (10 inches) of the soil surface.</i>
30	No	29	f6	F6 Redox Dark Surface	<i>A layer that is at least 10 cm (4 inches) thick, is entirely within the upper 30 cm (12 inches) of the mineral soil, and has: a. Matrix value of 3 or less and chroma of 1 or less and 2 percent or more distinct or prominent redox concentrations occurring as soft masses or pore linings, or b. Matrix value of 3 or less and chroma of 2 or less and 5 percent or more distinct or prominent redox concentrations occurring as soft masses or pore linings.</i>
31	No	30	f7	F7 Depleted Dark Surface	<i>Redox depletions with value of 5 or more and chroma of 2 or less in a layer that is at least 10 cm (4 inches) thick, is entirely within the upper 30 cm (12 inches) of the mineral soil, and has: a. Matrix value of 3 or less and chroma of 1 or less and 10 percent or more redox depletions, or b. Matrix value of 3 or less and chroma of 2 or less and 20 percent or more redox depletions.</i>
32	No	31	f8	F8 Redox Depressions	<i>In closed depressions subject to ponding, 5 percent or more distinct or prominent redox concentrations occurring as soft masses or pore linings in a layer that is 5 cm (2 inches) or more thick and is entirely within the upper 15 cm (6 inches) of the soil.</i>
33	No	32	f9	F9 Vernal Pools	<i>In closed depressions that are subject to ponding, presence of a depleted matrix with 60 percent or more chroma of 2 or less in a layer 5 cm (2 inches) thick entirely within the upper 15 cm (6 inches) of the soil.</i>

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Domains

Domain Name: hydric_soil_indicator

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
34	No	17	s1	S1 Sandy Mucky Mineral	<i>A layer of mucky modified sandy soil material 5 cm (2 inches) or more thick starting within 15 cm (6 inches) of the soil surface.</i>
35	No	18	s2	S2 2.5 cm Mucky Peat or Peat	<i>A layer of mucky peat or peat 2.5 cm (1 inch) or more thick with value of 4 or less and chroma of 3 or less, starting within 15 cm (6 inches) of the soil surface, and underlain by sandy soil material.</i>
36	No	19	s3	S3 5 cm Mucky Peat or Peat	<i>A layer of mucky peat or peat 5 cm (2 inches) or more thick with value of 3 or less and chroma of 2 or less, starting within 15 cm (6 inches) of the soil surface, and underlain by sandy soil material.</i>
37	No	20	s4	S4 Sandy Gleyed Matrix	<i>A gleyed matrix that occupies 60 percent or more of a layer starting within 15 cm (6 inches) of the soil surface.</i>
38	No	21	s5	S5 Sandy Redox	<i>A layer starting within 15 cm (6 inches) of the soil surface that is at least 10 cm (4 inches) thick and has a matrix with 60 percent or more chroma of 2 or less and 2 percent or more distinct or prominent redox concentrations occurring as soft masses and/or pore linings.</i>
39	No	22	s6	S6 Stripped Matrix	<i>A layer starting within 15 cm (6 inches) of the soil surface in which iron-manganese oxides and/or organic matter have been stripped from the matrix and the primary base color of the soil material has been exposed. The stripped areas and translocated oxides and/or organic matter form a faintly contrasting pattern of two or more colors with diffuse boundaries. The stripped zones are 10 percent or more of the volume and are rounded.</i>
40	No	23	s7	S7 Dark Surface	<i>A layer 10 cm (4 inches) thick, starting within the upper 15 cm (6 inches) of the soil surface, with a matrix value 3 or less and chroma of 1 or less. At least 70 percent of the visible soil particles must be masked with organic material, viewed through a 10x or 15x hand lens. Observed without a hand lens, the particles appear to be close to 100 percent masked. The matrix color of the layer directly below the dark layer must have the same colors as those described above or any color that has chroma of 2 or less.</i>
41	No	24	s8	S8 Polyvalue Below Surface	<i>A layer with value of 3 or less and chroma of 1 or less starting within 15 cm (6 inches) of the soil surface. At least 70 percent of the visible soil particles must be masked with organic material, viewed through a 10x or 15x hand lens. Observed without a hand lens, the particles appear to be close to 100 percent masked. Directly below this layer, 5 percent or more of the soil volume has value of 3 or less and chroma of 1 or less, and the remainder of the soil volume has value of 4 or more and chroma of 1 or less to a depth of 30 cm (12 inches) or to the spodic horizon, whichever is less.</i>
42	No	25	s9	S9 Thin Dark Surface	<i>A layer 5 cm (2 inches) or more thick, within the upper 15 cm (6 inches) of the soil, with value of 3 or less and chroma of 1 or less. At least 70 percent of the visible soil particles must be masked with organic material, viewed through a 10x or 15x hand lens. Observed without a hand lens, the particles appear to be close to 100 percent masked. This layer is underlain by a layer or layers with value of 4 or less and chroma of 1 or less to a depth of 30 cm (12 inches) or to the spodic horizon, whichever is less.</i>
43	No	43	f22	F22 Very Shallow Dark Surface	<i>In depressions and flood plains subject to frequent ponding and/or flooding, one of the following: a.if bedrock occurs between 15 cm (6 inches) and 25 cm (10 inches), a layer at least 15 cm (6 inches) thick starting within 10 cm (4 inches) of the soil surface with value 2.5 or less and chroma 1 or less, and the remaining soil to bedrock must have the same colors as above or any other color that has a chroma 2 or less. b.if bedrock occurs within 15 cm (6 inches), more than half of the soil thickness must have value 2.5 or less and chroma 1 or less, and the remaining soil to bedrock must have the same colors as above or any other color that has a chroma 2 or less.</i>

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Domain Name: hydric_soil_indicator

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
44	No	44	s11	S11 High Chroma Sands	<i>In coastal zones and dune-and-swale complexes, a layer 2 inches (5 cm) or more thick starting within 4 inches (10 cm) of the surface with chroma 4 or less and 2% or more distinct or prominent redox concentrations.</i>

Domain Name: hydrologic_group

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	a	A	<i>Soils in this group have low runoff potential when thoroughly wet. Water is transmitted freely through the soil.</i>
2	No	2	b	B	<i>Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.</i>
3	No	3	c	C	<i>Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.</i>
4	No	4	d	D	<i>Soils in this group have high runoff potential when thoroughly wet. Water movement through the soil is restricted or very restricted.</i>
5	No	5	a/d	A/D	<i>These soils have low runoff potential when drained and high runoff potential when undrained.</i>
6	No	6	b/d	B/D	<i>These soils have moderately low runoff potential when drained and high runoff potential when undrained.</i>
7	No	7	c/d	C/D	<i>These soils have moderately high runoff potential when drained and high runoff potential when undrained.</i>

Domain Name: hydrology_status

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	2	drier than natural	Drier than natural	<i>The hydrology has been modified by human activity such that it is significantly drier than natural. Modifications might include surface drainage or protection from flooding.</i>
2	No	1	unaltered	Unaltered	<i>The hydrology of the soil has not been significantly altered by man.</i>
3	No	3	wetter than natural	Wetter than natural	<i>The hydrology has been modified by human activity such that it is significantly wetter than natural. Modifications might include irrigation, blockage of natural surface water drainage, or activities that raise local zones of saturation.</i>

Domain Name: hydrometer_method

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	shmp dispersible - oven dry	SHMP Dispersible - oven dry	<i>Sodium Hexametaphosphate Dispersible - oven dry soil</i>
2	No	2	shmp dispersible - field moist	SHMP Dispersible - field moist	<i>Sodium Hexametaphosphate Dispersible - field moist soil.</i>

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Domain Name: hydrometer_method

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
3	No	3	shmp dispersible - air dry	SHMP Dispersible - air dry	<i>Sodium Hexametaphosphate Dispersible - air-dry soil.</i>
4	No	4	shmp dispersible - om removal by h2o2	SHMP Dispersible - OM removal by H2O2	<i>Sodium Hexametaphosphate Dispersible with Organic Matter Removal by Hydrogen Peroxide.</i>
5	No	5	shmp dispersible - om removal by shc	SHMP Dispersible - OM removal by SHC	<i>Sodium Hexametaphosphate Dispersible with Organic Matter Removal by Sodium Hypochlorite.</i>
6	No	6	shmp dispersible - co3 removal	SHMP Dispersible - CO3 removal	<i>Sodium Hexametaphosphate Dispersible with Carbonate Removal.</i>
7	No	7	shmp dispersible - fe removal	SHMP Dispersible - Fe removal	<i>Sodium Hexametaphosphate Dispersible with Iron Removal.</i>

Domain Name: ia_subsoil_k

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	very low minus	Very low minus	<i>< 25 ppm</i>
2	No	2	very low plus	Very low plus	<i>25 - 50 ppm</i>
3	No	3	low	Low	<i>50 - 79 ppm</i>
4	No	4	medium	Medium	<i>79 - 125 ppm</i>
5	No	5	high	High	<i>> 125 ppm</i>

Domain Name: ia_subsoil_p

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	very low	Very low	<i>< 7.5 ppm</i>
2	No	2	low	Low	<i>7.5-13.0 ppm</i>
3	No	3	medium	Medium	<i>13.0-22.5 ppm</i>
4	No	4	high	High	<i>> 22.5 ppm</i>

Domain Name: infiltration_test_method

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	2	double ring constant head	Double ring constant head	<i>Infiltration determined using a double ring configuration and constant head of water.</i>
2	No	4	double ring falling head	Double ring falling head	<i>Infiltration determined using a double ring configuration and falling head of water.</i>
3	No	1	single ring constant head	Single ring constant head	<i>Infiltration determined using a single ring configuration and constant head of water.</i>
4	No	3	single ring falling head	Single ring falling head	<i>Infiltration determined using a single ring configuration and falling head of water.</i>

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Domain Name: injury_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	none	None	
2	No	2	animal	Animal	
3	No	3	chemical	Chemical	
4	No	4	deer	Deer	
5	No	5	dieback	Dieback	
6	No	6	fire	Fire	
7	No	7	flooding	Flooding	
8	No	8	frost crack	Frost crack	
9	No	9	grazing	Grazing	
10	No	10	hail	Hail	
11	No	11	ice	Ice	
12	No	12	implement	Implement	
13	No	13	other	Other	
14	No	14	rabbit	Rabbit	
15	No	15	snow	Snow	
16	No	16	sunscald	Sunscald	
17	No	17	wind	Wind	
18	No	18	winter kill	Winter kill	

Domain Name: insect_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	none	None	
2	No	2	borer	Borer	
3	No	3	grasshopper	Grasshopper	
4	No	4	other	Other	
5	No	5	oyster scale	Oyster scale	
6	No	6	tip moth	Tip moth	
7	No	7	web worm	Web worm	
8	No	8	spruce mite	Spruce mite	
9	No	9	elm leaf beetle	Elm leaf beetle	

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Domain Name: interrill_erosibility_factor

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	to be assigned	To Be Assigned	

Domain Name: invading_plants

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	none	None	
2	No	2	some	Some	
3	No	3	many	Many	

Domain Name: land_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	rangeland	Rangeland	
2	No	2	grazable woodland	Grazable woodland	
3	No	3	native pasture	Native pasture	
4	No	4	rangeland, formerly cultivated	Rangeland, formerly cultivated	
5	No	5	grazable woodland, formerly cultivated	Grazable woodland, formerly cultivated	
6	No	6	nongrazable woodland understory	Nongrazable woodland understory	

Domain Name: landforms_legacy

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	basins, playas, lakebeds	Basins, playas, lakebeds	
2	No	2	fans	Fans	
3	No	3	flatwoods	Flatwoods	
4	No	4	flood plains, bottoms	Flood plains, bottoms	
5	No	5	level and undulating plains or plateaus	Level and undulating plains or plateaus	
6	No	6	mountains, steep hills, dissected plateaus	Mountains, steep hills, dissected plateaus	
7	No	7	none	None	

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Domains

Domain Name: landforms_legacy

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
8	No	8	rolling and hilly plains or plateaus	Rolling and hilly plains or plateaus	
9	No	9	sand dunes, sand hills	Sand dunes, sand hills	
10	No	10	stream terraces	Stream terraces	
11	No	11	swamp	Swamp	

Domain Name: latitude_direction

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	north	North	<i>Latitude north of equator.</i>
2	No	2	south	South	<i>Latitude south of the equator.</i>

Domain Name: layer_type

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	horizon	Horizon	<i>The layer represents a morphological soil horizon.</i>
2	No	2	reporting layer	Reporting layer	<i>The layer represents some segment of the soil profile other than a whole morphological soil horizon, e.g. a portion of a morphological horizon.</i>

Domain Name: legend_certification_status

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	not for distribution	not for distribution	<i>Data in the legend object, including some mapunits, correlation notes, or area overlaps, have been created but are not fully populated or the data are preliminary and incomplete. The data are subject to major changes. A legend with this status should not be interpreted, exported, or used by other applications.</i>
2	No	2	not certified	not certified	<i>Note that this certification status applies to only the legend object.</i> <i>The data in the legend object, including mapunits, correlation notes, and area overlaps, have been created and have been appropriately populated, but data have not been reviewed or certified. These are advance data, subject to change.</i> <i>Note that this certification status applies to only the legend object.</i>

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Domain Name: legend_certification_status

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
3	No	3	partly certified	partly certified	<i>The data in the legend object, including mapunits, correlation notes, and area overlaps, have been appropriately populated and the data have been reviewed. At least some of the data elements have been certified for use in specific applications. Other data elements in the object have advance data, subject to change.</i>
4	No	4	certified	certified	<i>Note that this certification status applies to only the legend object.</i> <i>The data in the legend object, including mapunits, correlation notes, and area overlaps, have been appropriately populated, reviewed, and certified for general use.</i> <i>Note, that this certification status applies to only the legend object.</i>

Domain Name: legend_land_category

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	native american land	Native American Land	<i>Non-federal acres of tribal owned or Indian Trust land in the soil survey area. This category includes Alaska Native Lands and Hawaiian Homelands.</i>
2	No	6	other non-federal land	Other Non-Federal Land	<i>Non-federal acres in the soil survey area, other than Native American Land.</i>
3	No	2	bureau of land management	Bureau of Land Management	<i>Federal acres in the soil survey area administered by the Bureau of Land Management.</i>
4	No	4	u.s. forest service	U.S. Forest Service	<i>Federal acres in the soil survey area administered by the U. S. Forest Service.</i>
5	No	5	national park service	National Park Service	<i>Federal acres in the soil survey area administered by the National Park Service.</i>
6	No	7	other federal land	Other Federal Land	<i>All federal acres in the soil survey area not covered by specific categories. This includes military reservations, national refuges, etc.</i>
7	No	3	census water	Census Water	<i>Bodies of water larger than 40 acres, and perennial streams wider than 1/8 mile.</i>

Domain Name: legend_mapunit_text_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	edit notes	Edit notes	<i>Text entries that describe what changes were made to the data and why those changes were made.</i>
2	No	2	certification statements	Certification statements	<i>Text entries related to certification of this legend. For example, statements of prior survey and legend-wide join statements.</i>
3	No	3	correlation notes	Correlation notes	<i>Text entries related to correlation concerns that affect the entire legend.</i>
4	No	4	miscellaneous notes	Miscellaneous notes	<i>Text entries not relate to any of the other choices.</i>

Domain Name: legend_suitability_for_use

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
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Domain Name: legend_suitability_for_use

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	not current	not current	<i>The legend has been completely replaced by another legend for the survey area. Typically this legend has an out-of-date operational soil survey status and another survey legend completely covers the geographic area served by this legend.</i>
2	No	2	current for part of area	current for part of area	<i>The legend is up-to-date for only part of the geographic area it covers. Another legend is up-to-date for the remaining area. Typically occurs where an update survey is on-going in a survey area or where a more recent survey covers part of the geographic area.</i>
3	No	3	current wherever mapped	current wherever mapped	<i>The legend is up-to-date wherever it has been mapped in the survey area. If the survey area is completely mapped, the legend applies over the entire geographic area. If the mapping is on-going, the legend is up-to-date where mapping has been completed.</i>

Domain Name: legend_text_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	6	edit notes	Edit notes	<i>Text entries that describe what changes were made to the data and why those changes were made.</i>
2	No	7	mou	Memorandum of understanding	<i>Text entries that include the text of the original MOU for the survey and any amendments to the MOU.</i>
3	No	5	certification statements	Certification statements	<i>Text entries related to certification of this legend. For example, statements of prior survey and legend-wide join statements.</i>
4	No	8	field reviews	Field reviews	<i>Text entries related to initial, progress, and final field reviews. For example, the general text part of a progress field review that applies to the entire legend.</i>
5	No	3	correlation notes	Correlation notes	<i>Text entries related to correlation concerns that affect the entire legend.</i>
6	No	4	miscellaneous notes	Miscellaneous notes	<i>Text entries not relate to any of the other choices.</i>
7	Yes	1	nontechnical description	Nontechnical description	
8	Yes	2	s5 description	SOI5 description	

Domain Name: Logical Data Type (NASIS 6 metadata)

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	binary	Binary	
2	No	2	boolean	Boolean	
3	No	20	calculation	Calculation	
4	No	3	choice	Choice	
5	No	4	date/time	Date/Time	
6	No	13	edit setup	Edit Setup	
7	No	23	esri geometry	ESRI Geometry	
8	No	5	esri geometry line	ESRI Geometry Line	

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Domain Name: Logical Data Type (NASIS 6 metadata)

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
9	No	6	esri geometry point	ESRI Geometry Point	
10	No	7	esri geometry polygon	ESRI Geometry Polygon	
11	No	14	evaluation	Evaluation	
12	No	22	file reference	File Reference	
13	No	8	float	Float	
14	No	18	guid	GUID	
15	No	9	integer	Integer	
16	No	10	money	Money	
17	No	11	narrative text	Narrative Text	
18	No	15	property	Property	
19	No	16	query	Query	
20	No	21	report	Report	
21	No	17	rule	Rule	
22	No	12	string	String	
23	No	19	xml	XML	

Domain Name: logical_data_type_nasis

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	26	binary	Binary	
2	No	11	boolean	Boolean	
3	No	32	calculation	Calculation	
4	No	1	choice	Choice	
5	No	2	datetime	Datetime	
6	No	18	edit setup	Edit Setup	
7	No	35	sql geometry	SQL Geometry	
8	No	20	esri geometry - line	ESRI Geometry - Line	
9	No	19	esri geometry - point	ESRI Geometry - Point	
10	No	21	esri geometry - polygon	ESRI Geometry - Polygon	
11	No	16	evaluation	Evaluation	
12	No	34	file reference	File Reference	
13	No	3	float	Float	
14	No	23	guid	GUID	
15	No	4	integer	Integer	

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Domains

Domain Name: logical_data_type_nasis

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
16	No	10	money	Money	
17	No	7	narrative text	Narrative Text	
18	No	15	property	Property	
19	No	12	query	Query	
20	No	33	report	Report	
21	No	17	rule	Rule	
22	No	6	string	String	
23	No	14	unknown	Unknown	
24	No	30	xml	XML	
25	No	31	hyperlink	Hyperlink	

Domain Name: longitude_direction

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	east	East	<i>Longitude east of Greenwich (the Prime Meridian or origin). (Snyder, J.P., 1982, Map Projections Used by the USGS)</i>
2	No	2	west	West	<i>Longitude west of Greenwich (the Prime Meridian or origin). (Snyder, J.P., 1982, Map Projections Used by the USGS)</i>

Domain Name: manner_of_failure

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	brittle	Brittle	<i>The specimen retains its size and shape (no deformation) until it rupture abruptly into subunits or fragments. (SSM)</i>
2	No	7	semideformable	Semideformable	<i>Deformation occurs prior to rupture. Cracks develop and the specimen ruptures before compression to half its original thickness. (SSM)</i>
3	No	2	deformable	Deformable	<i>The specimen can be compressed to half its original thickness without rupture. Radial cracks may appear and extend inward less than half the radius normal to compression. (SSM)</i>
4	No	5	nonfluid	Nonfluid	<i>None of the specimen flows through the fingers after exerting full compression. (SSM) The approximate equivalent n-value is less than 0.7. (Pons and Zonneveld, 1965)</i>
5	No	8	slightly fluid	Slightly fluid	<i>After exerting full compression, some of the specimen flows through the fingers, but most remains in the palm of the hand. The approximate equivalent n-value is 0.7 to 1. (Pons and Zonneveld, 1965)</i>
6	No	3	moderately fluid	Moderately fluid	<i>After exerting full compression, most of the specimen flows through the fingers; a small residue remains in the palm of the hand. The approximate equivalent n-value is 1 to 2. (Pons and Zonneveld, 1965)</i>
7	Yes	13	strongly fluid	Strongly fluid	

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Domain Name: manner_of_failure

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
8	No	10	very fluid	Very fluid	<i>Under very gentle pressure most of the specimen flows through the fingers like a slightly viscous fluid; very little or no residue remains in the palm of the hand. (SSM) The approximate equivalent n-value is equal to or greater than 2. (Pons and Zonneveld, 1965)</i>
9	No	6	nonsmeary	Nonsmeary	<i>At failure, the specimen does not change suddenly to a fluid, the fingers do not skid, and no smearing occurs. (SSM)</i>
10	No	11	weakly smeary	Weakly smeary	<i>At failure, the specimen changes suddenly to fluid, the fingers skid, and the soil smears. Afterward, little or no free water remains on the fingers. (SSM)</i>
11	No	4	moderately smeary	Moderately smeary	<i>At failure, the specimen changes suddenly to fluid, the fingers skid, and the soil smears. Afterward, some free water can be seen on the fingers. (SSM)</i>
12	No	9	strongly smeary	Strongly smeary	<i>At failure, the specimen suddenly changes to fluid, the fingers skid, the soil smears, and is very slippery. Afterward, free water is easily seen on the fingers. (SSM)</i>
13	Yes	12	smeary	Smeary	

Domain Name: map_finish_method

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	2	digital	Digital	<i>The map finishing job used the digital soil data layer.</i>
2	No	1	manual	Manual	<i>The soil layer was done by manually inking or scribing the soil lines.</i>

Domain Name: mapunit_hel_class

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	3	not highly erodible	Not highly erodible land	
2	No	2	potentially highly erodible	Potentially highly erodible land	
3	No	1	highly erodible	Highly erodible land	

Domain Name: mapunit_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	association	Association	<i>Two or more dissimilar soils that occur in a regularly repeating pattern that could have been separated at the scale of field mapping, but were not separated due to the intended purpose of the survey.</i>
2	No	4	complex	Complex	<i>Two or more dissimilar soils that occur in a regularly repeating pattern, that cannot be separated at the scale of field mapping.</i>
3	No	2	consociation	Consociation	<i>At least seventy-five percent (75%) of the map unit is within the range of the soil providing the name of the unit, and closely similar soils.</i>

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Domain Name: mapunit_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
4	No	3	undifferentiated group	Undifferentiated group	<i>Two or more similar soils that are not always geographically associated, and are mapped together due to them having the same or very similar use and management concerns.</i>

Domain Name: mapunit_selection_criteria

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	mapunit status	Mapunit status	
2	No	2	selected set	Selected set	

Domain Name: mapunit_status

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	provisional	Provisional	<i>A map unit used by the soil survey office leader, but that has not been officially approved for use.</i>
2	No	2	approved	Approved	<i>A map unit on the current, signed field review report for the respective geographic area.</i>
3	No	3	correlated	Correlated	<i>A map unit on the signed final correlation document.</i>
4	No	4	additional	Additional	<i>A map unit that has been used in the past, but that has since been combined with another map unit.</i>

Domain Name: mapunit_text_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	6	edit notes	Edit notes	<i>Text entries that describe what changes were made to the data and why those changes were made.</i>
2	No	3	correlation notes	Correlation notes	<i>Text entries about correlation concerns related to this mapunit, not including mapunit name or status changes.</i>
3	No	7	map unit description	Map unit description	<i>Map unit descriptions typically used in a descriptive legend.</i>
4	No	1	nontechnical description	Nontechnical description	<i>Map unit descriptions converted from SSSD and downloaded to FOCS.</i>
5	No	5	certification statements	Certification statements	<i>Text entries related to certification of mapunits.</i>
6	No	4	miscellaneous notes	Miscellaneous notes	<i>Text entries not related to any of the other choices.</i>
7	Yes	2	s5 description	SOI5 description	

Domain Name: mapunit_type

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	mlra map unit	MLRA Map Unit	<i>A map unit that is designed to cover the full conceptual extent of the map unit across multiple Non-MLRA soil survey areas and their legends.</i>

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Domain Name: mapunit_type

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
2	No	2	non-mlra map unit	Non-MLRA Map Unit	<i>A map unit that is specific to an individual Non-MLRA soil survey area and its legend.</i>
3	No	3	STATSGO map unit	STATSGO Map Unit	<i>A map unit that is designed for STATSGO level data.</i>

Domain Name: mi_soil_management_group

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	0a	0a	
2	No	2	0b	0b	
3	No	3	0c	0c	
4	No	8	1.5a	1.5a	
5	No	101	1.5a-s	1.5a-s	
6	No	9	1.5b	1.5b	
7	No	102	1.5b-s	1.5b-s	
8	No	10	1.5c	1.5c	
9	No	11	1.5c-c	1.5c-c	
10	No	103	1/5a	1/5a	
11	No	104	1/Rbc	1/Rbc	
12	No	4	1a	1a	
13	No	5	1b	1b	
14	No	6	1c	1c	
15	No	7	1c-c	1c-c	
16	No	12	2.5a	2.5a	
17	No	13	2.5a-a	2.5a-a	
18	No	14	2.5a-af	2.5a-af	
19	No	17	2.5a-cs	2.5a-cs	
20	No	16	2.5a-d	2.5a-d	
21	No	15	2.5a-s	2.5a-s	
22	No	18	2.5b	2.5b	
23	No	20	2.5b-cd	2.5b-cd	
24	No	19	2.5b-cs	2.5b-cs	
25	No	21	2.5b-d	2.5b-d	
26	No	22	2.5b-s	2.5b-s	
27	No	23	2.5c	2.5c	
28	No	24	2.5c-c	2.5c-c	

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Domain Name: mi_soil_management_group

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
29	No	25	2.5c-cs	2.5c-cs	
30	No	26	2.5c-s	2.5c-s	
31	No	105	2/3a-f	2/3a-f	
32	No	86	2/Ra	2/Ra	
33	No	87	2/Rb	2/Rb	
34	No	88	2/Rbc	2/Rbc	
35	No	27	3/1a	3/1a	
36	No	28	3/1b	3/1b	
37	No	29	3/1c	3/1c	
38	No	30	3/2a	3/2a	
39	No	106	3/2a-d	3/2a-d	
40	No	31	3/2a-f	3/2a-f	
41	No	32	3/2b	3/2b	
42	No	33	3/2b-d	3/2b-d	
43	No	34	3/2c	3/2c	
44	No	45	3/5a	3/5a	
45	No	46	3/5a-a	3/5a-a	
46	No	47	3/5b	3/5b	
47	No	48	3/5b-c	3/5b-c	
48	No	49	3/5c	3/5c	
49	No	89	3/Ra	3/Ra	
50	No	90	3/Rbc	3/Rbc	
51	No	35	3a	3a	
52	No	36	3a-a	3a-a	
53	No	37	3a-af	3a-af	
54	No	107	3a-d	3a-d	
55	No	38	3a-f	3a-f	
56	No	39	3a-s	3a-s	
57	No	40	3b	3b	
58	No	41	3b-a	3b-a	
59	No	108	3b-af	3b-af	
60	No	42	3b-s	3b-s	
61	No	43	3c	3c	
62	No	44	3c-s	3c-s	
63	No	50	4/1a	4/1a	

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Domain Name: mi_soil_management_group

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
64	No	110	4/1b	4/1b	
65	No	111	4/1c	4/1c	
66	No	112	4/2a	4/2a	
67	No	113	4/2a-f	4/2a-f	
68	No	114	4/2a-hs	4/2a-hs	
69	No	51	4/2b	4/2b	
70	No	52	4/2b-s	4/2b-s	
71	No	53	4/2c	4/2c	
72	No	54	4/2c-c	4/2c-c	
73	No	91	4/Ra	4/Ra	
74	No	92	4/Rbc	4/Rbc	
75	No	55	4a	4a	
76	No	56	4a-a	4a-a	
77	No	57	4a-af	4a-af	
78	No	109	4a-h	4a-h	
79	No	58	4b	4b	
80	No	59	4c	4c	
81	No	71	5.3a	5.3a	
82	No	72	5.7a	5.7a	
83	No	60	5/2a	5/2a	
84	No	61	5/2b	5/2b	
85	No	116	5/2b-h	5/2b-h	
86	No	62	5/2c	5/2c	
87	No	63	5a	5a	
88	No	64	5a-a	5a-a	
89	No	65	5a-h	5a-h	
90	No	66	5b	5b	
91	No	67	5b-h	5b-h	
92	No	68	5c	5c	
93	No	69	5c-a	5c-a	
94	No	70	5c-c	5c-c	
95	No	115	5c-h	5c-h	
96	No	118	G/Ra	G/Ra	
97	No	119	G/Rbc	G/Rbc	
98	No	73	Ga	Ga	

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Domain Name: mi_soil_management_group

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
99	No	117	Ga-d	Ga-d	
100	No	74	Ga-f	Ga-f	
101	No	75	Gbc	Gbc	
102	No	120	Gbc-af	Gbc-af	
103	No	76	Gc-cd	Gc-cd	
104	No	77	L-2a	L-2a	
105	No	78	L-2b	L-2b	
106	No	79	L-2c	L-2c	
107	No	80	L-2c-c	L-2c-c	
108	No	81	L-4a	L-4a	
109	No	82	L-4c	L-4c	
110	No	83	L-Mc	L-Mc	
111	No	93	M/1c	M/1c	
112	No	94	M/3c	M/3c	
113	No	121	M/3c-a	M/3c-a	
114	No	95	M/4c	M/4c	
115	No	96	M/4c-a	M/4c-a	
116	No	97	M/mc	M/mc	
117	No	122	M/Ra	M/Ra	
118	No	98	M/Rc	M/Rc	
119	No	99	Mc	Mc	
120	No	100	Mc-a	Mc-a	
121	No	84	Ra	Ra	
122	No	85	Rbc	Rbc	

Domain Name: mica_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	2	mica, biotite	Biotite mica	
2	No	4	mica, mixed	Mixed mica	
3	No	3	mica, muscovite	Muscovite mica	
4	No	1	mica, unspecified	Mica	

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Domains

Domain Name: microrelief_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	microhigh	Microhigh	<i>A generic microrelief term applied to slightly elevated areas relative to the adjacent ground surface; differences in relief range from several centimeters to several meters; cross sectional profiles can be simple or complex and generally consist of gently rounded, convex tops with gently sloping sides.</i>
2	No	2	microlow	Microlow	<i>A generic microrelief term applied to slightly lower areas relative to the adjacent ground surface; differences in relief range from several centimeters to several meters; ; cross sectional profiles can be simple or complex and generally consist of subdued, concave, open or closed depressions with gently sloping sides.</i>
3	Yes	3	microdepression	Microdepression	<i>refer to micro-low</i>
4	Yes	4	microknoll	Microknoll	<i>refer to micro-high.</i>
5	No	6	microslope	Microslope	<i>A generic Microrelief term applied to areas of nominal surface relief (slightly sloping to level), relative to the adjacent ground surface; differences in overall local relief range from several centimeters to several meters. Cross-sectional profiles can be simple or complex and generally consist of low and gently rounded, convex tops (microhigh) with gently sloping to level sides (microslope), and depressional low areas (microlow). Microslopes commonly constitute the majority of the land surface area in gilgai and other settings with microrelief. SW.</i>
6	Yes	5	other	Other (specified in notes)	

Domain Name: milestone_progress_unit

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	3	acre	Acre	
2	No	5	data mapunit	Data mapunit	
3	No	4	map unit	Map unit	
4	No	1	pedon	Pedon	
5	No	6	percent	Percent	
6	No	2	transect	Transect	
7	No	7	number of ecological sites	Number of Ecological Sites	

Domain Name: miscellaneous_areas

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	badland	Badland	<i>Badland is moderately steep to very steep barren land that is dissected by many intermittent drainage channels. Ordinarily, the areas are not stony. Badland is most common in semiarid and arid regions where streams cut into soft geologic material. Local relief generally ranges from 10 and 200 meters in height. Potential runoff is very high, and erosion is active.</i>

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Domains

Domain Name: miscellaneous_areas

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
2	No	2	beaches	Beaches	<i>Beaches are sandy, gravelly, or cobbly shores that are washed and rewashed by waves. The areas may be partly covered with water during high tides or storms.</i>
3	Yes	3	blown-out land	Blown-out land	<i>Blownout land consists of areas from which all or most of the soil material has been removed by extreme wind erosion. The areas are generally shallow depressions that have flat or irregular floors. In some places the floor is a layer of material that is more resistant to wind erosion than the removed material or is a layer of pebbles or cobbles. In other places the floor may have been formed from exposure of the water table. Areas that are covered by water most of the year are mapped as Water. Some areas have a few hummocks or small dunes. Few areas of blown-out land are large enough to be delineated; small areas can be shown by spot symbols.</i>
4	No	4	chutes	Chutes	<i>Chutes are elongated areas on steep mountain slopes that lack vegetation. The vegetation has been removed by avalanche or mass movement activity. Chutes consist of exposed bedrock, rock fragments, and large woody debris. Their slopes are parallel to the slope of the mountain, and their lengths are at least ten times their widths.</i>
5	No	5	cinder land	Cinder land	<i>Cinder land is composed of loose cinders and other scoriaceous magmatic ejecta. The water-holding capacity is very low, and trafficability is poor.</i>
6	Yes	6	cirque land	Cirque land	<i>Cirque land consists of areas of rock and rubble that are characteristically bowl-like and semicircular in shape. The areas have been caused by glacial erosion.</i>
7	No	7	dams	Dams	<i>Dams are artificial structures, oriented across a watercourse or natural drainage area, for the purpose of impounding or diverting water.</i>
8	No	8	dumps	Dumps	<i>Dumps are areas of smoothed or uneven accumulations or piles of waste rock and general refuse. The phase, Dumps, mine, consist of areas of waste rock from mines, quarries, and smelters. The component name remains Dumps. Some dumps that are closely associated pits are mapped as Dumps-Pits complex.</i>
9	No	9	dune land	Dune land	<i>Dune land consists of sand in ridges and intervening troughs that shift with the wind.</i>
10	No	10	glaciers	Glaciers	<i>Glaciers are large masses of ice that formed, at least in part, on land by the compaction and recrystallization of snow. They may be moving slowly downslope or outward in all directions because of the stress of their own weight; or, they may be retreating or be stagnant. A little earthy material may be on or in the ice.</i>
11	No	11	gullied land	Gullied land	<i>Gullied land consists of areas where erosion has cut a network of V-shaped or U-shaped channels. The areas resemble miniature badlands. Generally, gullies are so deep that extensive reshaping is necessary for most uses. Small areas can be shown by spot symbols. Phases that indicate the kind of material remaining may be useful for some areas.</i>

NASIS 7.1.4

Domains

Domain Name: miscellaneous_areas

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
12	Yes	12	gypsum land	Gypsum land	<i>Gypsum land consists of exposures of nearly pure soft gypsum. The surface is generally very unstable and erodes easily. Trafficability is very poor. Areas of hard gypsum are mapped as Rock outcrop.</i>
13	No	13	lava flows	Lava flows	<i>Lava flows are areas covered with lava. In most humid regions, the flows are of Holocene age; but, in arid and very cold regions, they may be older. Most flows have sharp, jagged surfaces, crevices, and angular blocks that are characteristic of lava. Others are relatively smooth and have a ropy glazed surface. A little earthy material may be in a few rocks and sheltered pockets, but the flows are virtually devoid of plants other than lichens.</i>
14	No	27	mined land	Mined land	<i>Mined land is areas which are significantly altered by mining activities. Soil material and rock has been moved into, out of, or within the areas designated. Because access to mined land may be limited by permissions or hazardous materials, identification of soil components can be difficult or impossible. Mined land may also have associated small excavations which could be correlated and delineated as pits if needed. NSSH Part 627, Exhibit 627-1.</i>
15	No	14	oil-waste land	Oil-waste land	<i>Oil-waste land consists of areas where liquid oily wastes, principally of saltwater and oil, have accumulated. It includes slush pits and adjacent areas that are affected by the liquid wastes. The land is barren, although some of it can be reclaimed at high cost.</i>
16	No	15	pits	Pits	<i>Pits are open excavations from which soil and commonly underlying material have been removed, exposing either rock or other material.</i>
17	No	16	playas	Playas	<i>Playas are barren flats in closed basins in arid regions. Many of the areas are subject to wind erosion, and many are saline, sodic, or both. The water table may be near the surface sometimes.</i>
18	No	17	riverwash	Riverwash	<i>Riverwash is unstabilized sandy, silty, clayey, or gravelly sediment that is flooded, washed, and reworked frequently by rivers.</i>
19	No	18	rock outcrop	Rock outcrop	<i>Rock outcrop consists of exposures of bare bedrock, other than lava flows and rock-lined pits. If needed, map units can be named according to the kind of rock.</i>
20	No	19	rubble land	Rubble land	<i>Rubble land consists of areas of cobbles, stones, and boulders. Rubble land is commonly at the base of mountains, but some areas are deposits of cobbles, stones, and boulders left on mountainsides by glaciation or by periglacial processes. Rubble land has a length that is less than ten times the width. A line connecting the widest points of rubble land is perpendicular to the slope of the mountain.</i>
21	Yes	20	salt flats	Salt flats	<i>Salt flats are undrained flats that have surface deposits of crystalline salt overlying stratified, very strongly saline sediment. These areas are closed basins in arid regions. The water table may be near the surface sometimes.</i>
22	Yes	21	scoria land	Scoria land	<i>Scoria land consists of areas of slaglike clinkers, burned shale, and fine-grained sandstone which remain after coal beds burn out. (Scoria land should not be confused with volcanic slag.)</i>
23	No	22	slickens	Slickens	<i>Slickens are accumulations of fine-textured material, such as that separated in placer mine and ore mill operations. Slickens from ore mills consist largely of freshly ground rock that commonly has undergone chemical treatment during the milling process. Slickens are usually confined in specially constructed basins.</i>

NASIS 7.1.4

Domains

Domain Name: miscellaneous_areas

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
24	Yes	23	slickspots	Slickspots	<i>Slickspots are areas that have a puddled or crusted, very smooth, nearly impervious surface. The underlying material is dense and massive. The material ranges from extremely acid to very strongly alkaline and from sand to clay.</i>
25	No	25	urban land	Urban land	<i>Urban land is land mostly covered by streets, parking lots, buildings, and other structures of urban areas.</i>
26	Yes	24	uranium mined land	Uranium mined land	<i>Uranium mined land consists of areas where uranium has been mined. The areas include the actual mines, shafts, structures, borrow pits, barren tailings and waste rock piles, evaporation ponds, and contaminated waste yards.</i>
27	No	26	water	Water	<i>Water includes streams, lakes, ponds, and estuaries. These areas are covered with water in most years, at least during the period that is warm enough for plants to grow. Many areas are covered throughout the year.</i>

Domain Name: mlra_office

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	portland, or	Portland, OR	
2	No	2	davis, ca	Davis, CA	
3	No	3	raleigh, nc	Raleigh, NC	
4	No	4	bozeman, mt	Bozeman, MT	
5	No	5	denver, co	Denver, CO	
6	No	6	morgantown, wv	Morgantown, WV	
7	No	7	auburn, al	Auburn, AL	
8	No	8	phoenix, az	Phoenix, AZ	
9	No	9	temple, tx	Temple, TX	
10	No	10	st. paul, mn	St. Paul, MN	
11	No	11	indianapolis, in	Indianapolis, IN	
12	No	12	amherst, ma	Amherst, MA	
13	Yes	13	morgantown, wv (obsolete)	Morgantown, WV (obsolete)	
14	Yes	14	raleigh, nc (obsolete)	Raleigh, NC (obsolete)	
15	Yes	15	auburn, al (obsolete)	Auburn, AL (obsolete)	
16	Yes	16	little rock, ar (obsolete)	Little Rock, AR (obsolete)	
17	Yes	17	palmer, ak (obsolete)	Palmer, AK (obsolete)	
18	Yes	18	lexington, ky (obsolete)	Lexington, KY (obsolete)	
19	Yes	19	reno, nv (obsolete)	Reno, NV (obsolete)	
20	Yes	20	salina, ks (obsolete)	Salina, KS (obsolete)	

NASIS 7.1.4 Domains

Domain Name: mlra_office

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
21	Yes	21	bismark, nd (obsolete)	Bismark, ND (obsolete)	

Domain Name: moisture_prep_state

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	air-dry	Air-dry	
2	No	2	moist	Moist	

Domain Name: mottle_location

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	Yes	4	around rock fragments	Around rock fragments	
2	Yes	3	between peds	Between peds	
3	Yes	1	cracks	In cracks	
4	Yes	5	throughout	Throughout	
5	Yes	2	top of horizon	At top of horizon	

Domain Name: mou_agency_responsible

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	4	bia	Bureau of Indian Affairs	
2	No	1	blm	Bureau of Land Management	
3	No	5	co	County	
4	No	6	div	Division of Conservation	
5	No	7	dnr	Department of Natural Resources	
6	No	8	dod	Department of Defense	
7	No	9	doe	Department of Energy	
8	No	10	dscs	Division of Conservation Services	
9	No	16	in	Indian Nation	
10	No	11	ndsu	North Dakota State University	
11	No	12	nps	National Park Service	

NASIS 7.1.4 Domains

Domain Name: mou_agency_responsible

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
12	No	3	nrsc	Natural Resources Conservation Service	
13	No	13	uaf	US Air Force	
14	No	14	ui	University of Illinois	
15	No	2	usfs	US Forest Service	
16	No	15	vpi	Virginia Polytechnic Institute	

Domain Name: nasis_site_office_type

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	nhq	National Headquarters	
2	No	2	nssc	National Soil Survey Center	
3	No	8	mo	MLRA Region Office	
4	Yes	3	ntc	National Technical Center	
5	No	4	state	State Office	
6	No	5	area	Area Office	
7	No	6	project	Project Soil Survey Office	
8	No	7	field	Field Office	
9	No	9	other	Other Type of Office	

Domain Name: nh_important_forest_soil_group

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	IA	Group IA	<i>Deep, loamy, well drained and moderately well drained soils with few management limitations.</i>
2	No	2	IB	Group IB	<i>Deep, loamy or sandy, well drained or moderately well drained soils with few management limitations.</i>
3	No	3	IC	Group IC	<i>Deep, sandy and gravelly, excessively drained through moderately well drained outwash soils with few management limitations.</i>
4	No	4	IIA	Group IIA	<i>Diverse group of soils, generally groups IA and IB soils that have management limitations.</i>
5	No	5	IIB	Group IIB	<i>Poorly drained soils.</i>
6	No	6	NC	NC	<i>Generally unproductive soils or miscellaneous areas.</i>

NASIS 7.1.4

Domains

Domain Name: nj_farmland_assessment

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	a	A	<i>Very productive farmland - The most desirable soil in the area because of high yields and ease of cultivation.</i>
2	No	2	b	B	<i>Good farmland - Desirable soil because yields are generally high and the land can be cultivated on a permanent basis.</i>
3	No	3	c	C	<i>Fair farmland - Yields are lower those in soil Group B because of shallowness, droughtiness, or excessive moisture. This land can be cultivated on a permanent basis.</i>
4	No	4	d	D	<i>Poor farmland - This soil is usually too wet, stony, droughty, or otherwise unsuitable for permanent cultivation. Yields are low when cultivated.</i>
5	No	5	e	E	<i>Very poor farmland - This land is often found in pasture or woodlands. Yields are ver low because of excessive water, shallowness, stoniness or droughtiness.</i>
6	No	6	f	F	<i>Land unsuitable for agriculture - This consists of rock outcrop, rough stony land, coastal beaches, and clay pits.</i>

Domain Name: observation_date_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	actual site observation date	Actual Site Observation Date	<i>The date on which the data for a site was actually observed in the field.</i>
2	No	2	entry creation date	Entry Creation Date	<i>The date on which a particular site observation record was entered into the database, either via the program interface or via an import of data from an external source.</i>
3	No	3	monitoring equipment installed	Monitoring equipment installed	<i>The date on which monitoring equipment was installed at the site.</i>

Domain Name: observation_method

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	3	auger, bucket	Bucket Auger	<i>Sample extracted by means of open, sand, closed, of mud bucket auger. Generally 5 to 12 cm diameter.</i>
2	No	11	auger, dutch	Dutch auger	<i>An open, strap-sided bucket auger (5-10 cm diam.) with a sharpened outer edge and a screw tip with a partial twist; also called a 'mud auger'.</i>
3	No	4	auger, screw	Screw Auger	<i>Sample extracted by means of external thread hand auger, or mechanically powered flight auger. Generally 2 to 30 cm diameter.</i>
4	No	7	cut	Cut	<i>Sample extracted from a relatively large near vertical cut such as a roadcut. Generally greater than 4 m in length.</i>
5	No	9	cut, beveled	Beveled Cut	
6	No	12	dive observation	Dive observation	<i>A visual assessment of undisturbed conditions or site performed under water.</i>
7	No	13	macaulay sampler	Macaulay sampler	<i>A hollow push tube with a hinged door that is driven into soft sediments (e.g., organics) and partially rotated to obtain an undisturbed sample.</i>

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Domains

Domain Name: observation_method

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
8	No	8	pit, large or quarry	Large Pit or Quarry	Sample extracted from a large open pit or large very vertical bank, such as borrow pit, quarry, or stream cutbank. Generally greater than 33 m in length.
9	No	5	pit, small	Small Pit	Sample extracted from a small hand-dug pit, dug with a shovel and/or hand pick. Generally less than 1m x 2m in size.
10	No	1	push tube	Push Tube	Sample extracted with a push tube, either hand held or hydraulically powered. Generally about 2 to 10 cm in diameter.
11	No	2	shovel slice	Shovel Slice	Shovel extracted by means of an undisturbed slice of soil with a shovel (sharpshooter, spade) from the side of a small pit. Generally about 20 x 40cm in size.
12	No	6	trench	Trench	Sample extracted from the wall of a trench or pit dug with the aid of a backhoe. Generally larger than 1 x 2m in size.
13	No	10	vibracore tube	Vibracore tube	A method of collecting a soil sample by means of a core tube driven into the soil by the force of gravity, enhanced by vibration energy. The vibrating mechanism of a vibracorer, sometimes called the "vibrahead", operates on hydraulic, pneumatic, mechanical or electrical power from an external source. When the insertion is completed, the vibracorer is turned off, and the tube is withdrawn with the aid of hoist equipment.
14	No	14	video	Video	Electronically recorded, sequential digital images of a subaqueous setting/site.

Domain Name: observed_soil_moisture_status

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	dry	Dry	>1500 kPa (>15 bar) suction
2	No	2	very dry	Very dry	Less than 0.35 of the 15 bar water retention.
3	No	3	moderately dry	Moderately dry	0.35 to 0.8 of the 15 bar water retention.
4	No	4	slightly dry	Slightly dry	0.8 to 1.0 of the 15 bar water retention.
5	No	5	moist	Moist	=<1500 to 0.01 kPa (=<15 bar to 0.00001 bar) suction.
6	No	6	slightly moist	Slightly moist	15 bar suction to MWR (see SSM p 91).
7	No	7	moderately moist	Moderately moist	MWR to UWR water content (see SSM p91).
8	No	8	very moist	Very moist	UWR to 0.01 bar suction (see SSM p91).
9	No	9	wet	Wet	<1.0 kPa, or <0.5 for coarse soils, (<0.01 bar or 0.005 for coarse soils) suction.
10	No	10	wet, non-satiated	Wet, non-satiated	=>0.01 to 1.0 (0.5 for coarse soils) kPa suction, (=>0.00001 bar to 0.01 bar, 0.005 for coarse soils). Water films are visible, sand grains and peds glisten, but no free water is present.
11	No	11	wet, satiated	Wet, satiated	<0.01 kPa (<0.00001 bar) suction; free water present.
12	Yes	12	saturation	Saturation from capillary fringe	
13	Yes	13	frozen	Frozen	

NASIS 7.1.4

Domains

Domain Name: ordination_symbol_subclass

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	r	R	<i>relief or slope steepness</i>
2	No	2	x	X	<i>stoniness or rockiness</i>
3	No	3	w	W	<i>excessive wetness</i>
4	No	4	t	T	<i>toxic substances</i>
5	No	5	d	D	<i>restricted rooting depth</i>
6	No	6	c	C	<i>clayey soils</i>
7	No	7	s	S	<i>sandy soils</i>
8	No	8	f	F	<i>fragmental or skeletal soils</i>
9	No	9	n	N	<i>snow pack</i>
10	No	10	a	A	<i>no limitations or slight limitations</i>

Domain Name: outflow_chamber_conv_factor

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	2	105	105	
2	No	1	20	20	

Domain Name: parent_material_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	Yes	72	aa	aa	
2	No	88	alluvium	Alluvium	<i>Unconsolidated clastic material subaerially deposited by running water, including gravel, sand, silt, clay, and various mixtures of these.</i>
3	Yes	3	arkosic-sandstone	arkosic-sandstone	
4	No	148	ash flow (pyroclastic)	Ash flow	<i>A highly heated mixture of volcanic gases and ash, traveling down the flank of a volcano or along the surface of the ground; produced by the explosive disintegration of viscous lava in a volcanic crater, or by the explosive emission of gas-charged ash from a fissure or group of fissures. The solid materials contained in a typical ash flow are generally unsorted and ordinarily include volcanic dust, pumice, scoria, and blocks in addition to ash.</i>
5	No	124	backswamp deposits	Backswamp deposits	
6	No	185	bauxite	Bauxite	<i>An off-white to dark red brown weathered detritus or rock composed of aluminum oxides (mainly gibbsite with some boehmite and diaspore), iron hydroxides, silica, silt, and especially clay minerals. Bauxite originates in tropical and subtropical environments as highly weathered residue from carbonate or silicate rocks and can occur in concretionary, earthy, pisolitic or oolitic forms. SW & GG</i>

NASIS 7.1.4

Domains

Domain Name: parent_material_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
7	No	89	beach sand	Beach sand	<i>Well sorted, sand-sized, clastic material transported, sorted and deposited primarily by wave action and deposited in a shore environment. Compare - eolian sands.</i>
8	No	127	block glide deposits	Block glide deposits	
9	Yes	70	breccia-acidic	breccia-acidic	
10	Yes	74	breccia-basic	breccia-basic	
11	Yes	48	chalk	chalk	
12	Yes	45	charcoal	charcoal	
13	No	21	cinders	Cinders	<i>Uncemented vitric, vesicular, pyroclastic material, more than 2.0 mm in at least one dimension, with an apparent specific gravity (including vesicles) of more than 1.0 and less than 2.0.</i>
14	Yes	46	coal	coal	
15	No	182	coastal marl	Coastal marl	<i>An earthy, unconsolidated deposit of gray to buff-colored mud of low bulk density (dry) composed primarily of very fine, almost pure calcium carbonate formed in subaqueous settings that span freshwater lacustrine conditions (e.g. Florida Everglades) to saline intertidal settings (e.g. Florida Keys) formed by the chemical action of algal mats and organic detritus (periphyton); other marl varieties associated with different environments (e.g. freshwater marl, glauconitic marl) also occur. Coastal marl can be quite pure or it can be finely disseminated throughout living root mats (e.g. mangrove roots) and / or organic soil layers. Compare marl, freshwater marl.</i>
16	No	90	colluvium	Colluvium	<i>Unconsolidated, unsorted earth material being transported or deposited on side slopes and/or at the base of slopes by mass movement (e.g. direct gravitational action) and by local, unconcentrated runoff.</i>
17	No	153	complex landslide deposits	Complex landslide deposits	<i>A category of mass movement processes, associated sediments (complex landslide deposit) or resultant landforms characterized by a composite of several mass movement processes none of which dominates or leaves a prevailing landform. Numerous types of complex landslides can be specified by naming the constituent processes evident (e.g. a complex earth spread - earth flow landslide). Compare - fall, topple, slide, lateral spread, flow, landslide. SW & DV</i>
18	Yes	13	conglomerate	conglomerate	
19	Yes	15	conglomerate-calcareous	conglomerate-calcareous	
20	Yes	14	conglomerate-noncalcareous	conglomerate-noncalcareous	
21	No	91	coprogenic material	Coprogenic material	
22	No	128	creep deposits	Creep deposits	<i>Sediment resulting from slow mass movement of earth material down slopes, caused by gravity but facilitated by saturation with water and alternate freezing and thawing.</i>
23	No	92	cryoturbate	Cryoturbate	
24	No	129	debris avalanche deposits	Debris avalanche deposits	<i>Sediment resulting from the very rapid and usually sudden sliding and flow of incoherent, unsorted mixtures of soil and weathered bedrock.</i>
25	No	154	debris fall deposits	Debris fall deposits	<i>The process, associated sediments (debris fall deposit) or resultant landform characterized by a rapid type of fall involving the relatively free, downslope movement or collapse of detached, unconsolidated material which falls freely through the air (lacks an underlying slip face); sediments have substantial proportions of both fine earth and coarse fragments; common along undercut stream banks. Compare - rock fall, soil fall, landslide. SW</i>

NASIS 7.1.4

Domains

Domain Name: parent_material_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
26	No	130	debris flow deposits	Debris flow deposits	<i>Sediment resulting from a mass movement of rock fragments, soil, mud, more than half of the particles being larger than sand size.</i>
27	No	131	debris slide deposits	Debris slide deposits	
28	No	155	debris spread deposits	Debris spread deposits	<i>The process, associated sediments (debris spread deposit) or resultant landforms characterized by a very rapid type of spread dominated by lateral movement in a soil and rock mass resulting from liquefaction or plastic flow of underlying materials that may be extruded out between intact units; sediments have substantial proportions of both fine earth and coarse fragments. Compare - earth spread, rock spread, landslide. SW & DV</i>
29	No	156	debris topple deposits	Debris topple deposits	<i>The process, associated sediments (debris topple deposit) or resultant landform characterized by a localized, very rapid type of topple in which large blocks of soil and rock material literally fall over, rotating outward over a low pivot point; sediments have substantial proportions of both fine earth and coarse fragments. Portions of the original material may remain intact, although reoriented, within the resulting debris pile. Compare - earth topple, rock topple, landslide. SW</i>
30	No	93	diamicton	Diamicton	<i>A generic term for any nonlithified, nonsorted or poorly sorted sediment that contains a wide range of particle sizes, such as rock fragments contained within a fine earth matrix (e.g., till) and used when the genetic context of the sediment is uncertain.</i>
31	No	94	diatomaceous earth	Diatomaceous earth	<i>A layer of soil material (limnic materials) that is composed of diatoms. Diatomaceous earth is identified by several diagnostic criteria such as moist color value which changes on drying as a result of the irreversible shrinkage of organic-matter coats on diatoms and either a moist color value of 8 or more and a chroma of 2 or less from a saturated sodium-pyrophosphate extract on white chromatographic or filter paper, or a cation-exchange capacity of less than 240 cmol (+) per kg organic matter (measured by loss on ignition).</i>
32	Yes	50	dolomite	dolomite	
33	No	180	dredge spoils	Dredge spoils	<i>Unconsolidated, randomly mixed sediments extracted and deposited during dredging and dumping activities (e.g. adjoining the Intracoastal Waterway). Dredge spoils lie unconformably upon natural, undisturbed soil or regolith and can form anthropogenic landforms (e.g. dredge spoil bank).</i>
34	No	97	drift	Drift	<i>A general term applied to all mineral material (clay, silt, sand, gravel, boulders) transported by a glacier and deposited directly by or from the ice, or by running water emanating from a glacier. Drift includes unstratified material (till) that forms moraines, and stratified deposits that form outwash plains, eskers, kames, varves, and glaciofluvial sediments. The term is generally applied to Pleistocene glacial deposits in areas that no longer contain glaciers.</i>
35	No	157	earth spread deposits	Earth spread deposits	<i>The process, associated sediments (earth spread deposit) or resultant landforms characterized by a very rapid type of spread dominated by lateral movement in a soil mass resulting from liquefaction or plastic flow of underlying materials that may be extruded out between intact units. Compare - debris spread, rock spread, landslide. SW & DV</i>
36	No	158	earth topple deposits	Earth topple deposits	<i>The process, associated sediments (earth topple deposit) or resultant landform characterized by a localized, very rapid type of topple in which large blocks of soil material literally fall over, rotating outward over a low pivot point; sediments < 2 mm predominate. Portions of the original material may remain intact, although reoriented, within the resulting deposit. Compare - debris topple, rock topple, landslide. SW</i>
37	No	132	earthflow deposits	Earthflow deposits	

NASIS 7.1.4

Domains

Domain Name: parent_material_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
38	No	95	eolian deposits	Eolian deposits	<i>Material transported and deposited by the wind. Includes earth materials such as dune sands, sand sheets, loess deposits, and clay (e.g. parna).</i>
39	No	143	eolian sands	Eolian sands	<i>Material transported and deposited by the wind, dominated by particles of sand-size (0.05-2 mm).</i>
40	No	96	estuarine deposits	Estuarine deposits	
41	No	159	fall deposits	Fall deposits	<i>(a) A category of mass movement processes, associated sediments (fall deposit), or resultant landforms (e.g., rockfall, debris fall, soil fall) characterized by very rapid movement of a mass of rock or earth that travels mostly through the air by free fall, leaping, bounding, or rolling, with little or no interaction between one moving unit and another. Compare - topple, slide, lateral spread, flow, complex landslide, landslide. SW & DV; (b) The mass of material moved by a fall. GG</i>
42	No	160	flow deposits	Flow deposits	<i>A category of mass movement processes, associated sediments (flow deposit) and landforms characterized by slow to very rapid downslope movement of unconsolidated material which, whether saturated or comparatively dry, behaves much as a viscous fluid as it moves. Types of flows can be specified based on the dominant particle size of sediments [i.e. debris flow (e.g., lahar), earth flow (creep, mudflow), rock fragment flow (e.g., rockfall avalanche), debris avalanche]. Compare - fall, topple, slide, lateral spread, complex landslide, landslide. SW & DV</i>
43	No	177	fluviomarine deposits	Fluviomarine deposits	<i>Stratified materials (clay, silt, sand, or gravel) formed by both marine and fluvial processes, resulting from sea level fluctuations and stream migration (i.e. materials originally deposited in a nearshore environment and subsequently reworked by fluvial processes as sea level fell, or vice versa as sea level rose).</i>
44	No	183	freshwater marl	Freshwater marl	<i>A soft, grayish to white, earthy or powdery, usually impure calcium carbonate precipitated on the bottoms of present-day freshwater lakes and ponds largely through the chemical action of algal mats and organic detritus, or forming deposits that underlie marshes, swamps, and bogs that occupy the sites of former (glacial) lakes. The calcium carbonate may range from 90% to less than 30%. Freshwater marl is usually gray; it has been used as a fertilizer for acid soils deficient in lime. Syn.: bog lime. Compare marl, coastal marl.</i>
45	No	98	glaciofluvial deposits	Glaciofluvial deposits	<i>Material moved by glaciers and subsequently sorted and deposited by streams flowing from the melting ice. The deposits are stratified and may occur in the form of outwash plains, valley trains, deltas, kames, eskers, and kame terraces.</i>
46	No	99	glaciolacustrine deposits	Glaciolacustrine deposits	<i>Material ranging from fine clay to sand derived from glaciers and deposited in glacial lakes by water originating mainly from the melting of glacial ice. Many are bedded or laminated with varves or rhythmites.</i>
47	No	100	glaciomarine deposits	Glaciomarine deposits	<i>Glacially eroded, terrestrially derived sediments (clay, silt, sand, and gravel) that accumulated on the ocean floor. Sediments may be accumulated as an ice-contact deposit, by fluvial transport, ice-rafting, or eolian transport.</i>
48	Yes	77	glaucinite	glaucinite	
49	Yes	56	gneiss	gneiss	
50	Yes	57	gneiss-acidic	gneiss-acidic	
51	Yes	58	gneiss-basic	gneiss-basic	

NASIS 7.1.4

Domains

Domain Name: parent_material_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
52	No	161	greensands	Greensands	<i>a) An unconsolidated, near-shore marine sediment containing substantial amounts of dark greenish glauconite pellets, often mingled with clay or sand (quartz may form the dominant constituent); prominent in Cretaceous and Tertiary coastal plain strata of New Jersey, Delaware and Maryland; has been commercially mined for potassium fertilizer. The term is loosely applied to any glauconitic sediment. b) (Not Preferred - use glauconitic sandstone) A sandstone consisting of greensand that is commonly poorly cemented, and has a greenish color when unweathered but an orange or yellow color when weathered. Compare - glauconite pellets. SW</i>
53	No	141	grus	Grus	<i>The fragmental products of in situ granular disintegration of granite and granitic rocks, dominated by inter-crystal disintegration.</i>
54	No	186	gypsite	Gypsite	<i>An earthy gypsum (CaSO₄·2H₂O) variety that contains various quantities (i.e. < 50%) of soil material, silicate clay minerals and sometimes other salts (e.g. NaCl); found only in arid or semi-arid regions as secondary precipitation concentrations or efflorescence associated with rock gypsum or gypsum-bearing strata. Compare rock gypsum, rock anhydrite. SW & GG</i>
55	No	184	human-transported material	Human-transported material	<i>Organic or mineral soil material (or any other material that can function as a soil material) that has been moved horizontally onto a pedon from a source area outside of that pedon by directed human activity, usually with the aid of machinery. There has been little or no subsequent reworking by wind, gravity, water, or ice. Human transported materials are most commonly associated with building sites, mining or dredging operations, land fills, or other similar activities that result in the formation of a constructional anthropogenic landform.</i>
56	Yes	29	igneous	igneous	
57	Yes	37	igneous-acid (eg., rhyolite)	igneous-acid (eg., rhyolite)	
58	Yes	36	igneous-andesite	igneous-andesite	
59	Yes	35	igneous-basalt	igneous-basalt	
60	Yes	31	igneous-basic (eg., gabbro)	igneous-basic (eg., gabbro)	
61	Yes	30	igneous-coarse (or intrusive)	igneous-coarse (or intrusive)	
62	Yes	34	igneous-fine (or extrusive)	igneous-fine (or extrusive)	
63	Yes	33	igneous-granite	igneous-granite	
64	Yes	32	igneous-intermediate (eg., diorite)	igneous-intermediate (eg., diorite)	
65	Yes	38	igneous-ultrabasic	igneous-ultrabasic	
66	Yes	5	interbedded sedimentary	interbedded sedimentary	
67	No	101	lacustrine deposits	Lacustrine deposits	<i>Clastic sediments and chemical precipitates deposited in lakes.</i>
68	No	181	lagoon deposits	Lagoon deposits	<i>Sand, silt or clay-sized sediments transported and deposited by wind, currents, and storm washover in the relatively low-energy, brackish to saline, shallow waters of a lagoon. Compare - marine deposit.</i>
69	No	146	lahar deposits	Lahar deposits	<i>Unconsolidated volcanoclastic material emplaced as mudflows on or near the flanks of a volcano.</i>
70	No	147	lapilli	Lapilli	<i>Non or slightly vesicular pyroclastics, 2.0 to 76 mm in at least one dimension, with an apparent specific gravity of 2.0 or more.</i>
71	No	133	lateral spread deposits	Lateral spread deposits	
72	Yes	47	limestone	limestone	

NASIS 7.1.4 Domains

Domain Name: parent_material_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
73	Yes	52	limestone-arenaceous	limestone-arenaceous	
74	Yes	53	limestone-argillaceous	limestone-argillaceous	
75	Yes	54	limestone-cherty	limestone-cherty	
76	Yes	51	limestone-phosphatic	limestone-phosphatic	
77	Yes	7	limestone-sandstone	limestone-sandstone	
78	Yes	6	limestone-sandstone-shale	limestone-sandstone-shale	
79	Yes	8	limestone-shale	limestone-shale	
80	Yes	9	limestone-siltstone	limestone-siltstone	
81	No	187	limonite	Limonite	<i>A general 'field' term for various brown to yellowish brown, amorphous- to- cryptocrystalline hydrous ferric oxides that are an undetermined mixture of goethite, hematite, and lepidocrocite formed by weathering and iron oxidation from iron-bearing, rocks and minerals. SW & GG</i>
82	No	102	loess	Loess	<i>Material transported and deposited by wind and consisting predominantly of silt size.</i>
83	No	103	loess, calcareous	Calcareous loess	
84	No	144	loess, noncalcareous	Noncalcareous loess	<i>Noncalcareous material transported and deposited by wind and consisting predominantly of silt size (0.002-0.05 mm).</i>
85	Yes	44	logs and stumps	logs and stumps	
86	Yes	49	marble	marble	
87	No	104	marine deposits	Marine deposits	
88	No	76	marl	Marl	<i>A generic term loosely applied to a variety of materials, most of which occur as an earthy, unconsolidated deposit consisting chiefly of an intimate mixture of clay and calcium carbonate formed commonly by the chemical action of algae mats and organic detritus (periphyton); specifically an earthy substance containing 35-65% clay and 65-35% calcium carbonate mud; formed primarily under freshwater lacustrine conditions, but varieties associated with more saline environments and higher carbonate contents also occur. Compare coastal marl, freshwater marl,</i>
89	No	105	mass movement deposits	Mass movement deposits	<i>Sediment resulting from the dislodgement and downslope transport of soil and rock material as a unit under direct gravitational stress. The process includes slow displacements such as creep and solifluction, and rapid movements such as landslides, rock slides, and falls, earthflows, debris flows, and avalanches. Agents of fluid transport (water, ice, air) may play an important, if subordinate role in the process.</i>
90	Yes	55	metamorphic	metamorphic	
91	No	106	mine spoil or earthy fill	Mine spoil or earthy fill	
92	No	178	mine spoil, coal extraction	Coal extraction mine spoil	<i>Randomly mixed, earthy materials artificially deposited as a result of either surficial or underground coal mining activities.</i>
93	No	179	mine spoil, metal ore extraction	Metal ore extraction mine spoil	<i>Randomly mixed, earthy materials artificially deposited as a result of either surficial or underground metal-ore mining activities.</i>
94	Yes	81	mixed	mixed	
95	Yes	83	mixed-calcareous	mixed-calcareous	
96	Yes	85	mixed-igneous and metamorphic	mixed-igneous and metamorphic	

NASIS 7.1.4 Domains

Domain Name: parent_material_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
97	Yes	86	mixed-igneous and sedimentary	mixed-igneous and sedimentary	
98	Yes	84	mixed-igneous-metamorphic and sedimentary	mixed-igneous-metamorphic and sedimentary	
99	Yes	87	mixed-metamorphic and sedimentary	mixed-metamorphic and sedimentary	
100	Yes	82	mixed-noncalcareous	mixed-noncalcareous	
101	No	126	mudflow deposits	Mudflow deposits	
102	No	107	organic, grassy material	Grassy organic material	
103	No	41	organic, herbaceous material	Herbaceous organic material	
104	No	40	organic, mossy material	Mossy organic material	
105	No	39	organic, unspecified	Organic material	
106	No	42	organic, woody material	Woody organic material	
107	No	108	outwash	Outwash	<i>(a) Stratified detritus (chiefly sand and gravel) removed or "washed out" from a glacier by melt-water streams and deposited in front of or beyond the end moraine or the margin of an active glacier. The coarser material is deposited nearer to the ice.</i>
108	No	125	overbank deposits	Overbank deposits	
109	Yes	73	pahoehoe	pahoehoe	
110	No	145	parna	Parna	<i>A term used, especially in southeast Australia, for silt and sand-sized aggregates of eolian clay occurring in sheets.</i>
111	No	109	pedisediment	Pedisediment	<i>A layer of sediment, eroded from the shoulder and back slope of an erosional slope, that lies on and is, or was, being transported across a pediment.</i>
112	No	22	pumice	Pumice	
113	Yes	65	pyroclastic	pyroclastic	
114	No	175	pyroclastic flow	Pyroclastic flow	<i>A fast density current of pyroclastic material, usually very hot, composed of a mixture of gasses and a variety of pyroclastic particles (ash, pumice, scoria, lava fragments, etc.); produced by the explosive disintegration of viscous lava in a volcanic crater or by the explosive emission of gas-charged ash from a fissure and which tends to follow topographic lows (e.g. valleys) as it moves; used in a more general sense than ash flow. Compare - pyroclastic surge, ash flow, nue ardente, lahar. SW, SN, GG</i>
115	No	176	pyroclastic surge	Pyroclastic surge	<i>A low density, dilute, turbulent pyroclastic flow, usually very hot, composed of a generally unsorted mixture of gases, ash, pumice and dense rock fragments that travels across the ground at high speed and less constrained by topography than a pyroclastic flow; several types of pyroclastic surges can be specified (e.g. base surge, ash-cloud-surge). Compare - pyroclastic flow. SW, SN, GG</i>
116	Yes	64	quartzite	quartzite	
117	No	110	residuum	Residuum	<i>Unconsolidated, weathered, or partly weathered mineral material that accumulates by disintegration of bedrock in place.</i>

NASIS 7.1.4

Domains

Domain Name: parent_material_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
118	No	162	rock spread deposits	Rock spread deposits	<i>The process, associated sediments (rock spread deposit) or resultant landforms characterized by a very rapid type of spread dominated by lateral movement in a rock mass resulting from liquefaction or plastic flow of underlying materials that may be extruded out between intact units; rock bodies predominate. Compare - debris spread, earth spread, landslide. SW & DV</i>
119	No	163	rock topple deposits	Rock topple deposits	<i>The process, associated sediments (rock topple deposit) or resultant landform characterized by a localized, very rapid type of fall in which large blocks of rock material literally fall over, rotating outward over a low pivot point; rock bodies predominate (little fine earth). Portions of the original material may remain intact, although reoriented, within the resulting deposit. Compare - earth topple, debris topple, landslide. SW</i>
120	No	135	rockfall avalanche deposits	Rockfall avalanche deposits	<i>The process, associated sediments (rotational debris slide deposit) or resultant landform characterized by an extremely slow to moderately rapid type of slide, composed of comparatively dry and largely unconsolidated earthy material, portions of which remain largely intact and in which movement occurs along a well-defined, concave shear surface and resulting in a backward rotation of the displaced mass; sediments have substantial proportions of both fine earth and coarse fragments. The landform may be single, successive (repeated up and down slope), or multiple (as the number of slide components increase). Compare - rotational earth slide, rotational rock slide, translational slide, lateral spread, landslide. SW & DV</i>
121	No	134	rockfall deposits	Rockfall deposits	
122	No	164	rotational debris slide deposits	Rotational debris slide deposits	
123	No	165	rotational earth slide deposits	Rotational earth slide deposits	
124	No	166	rotational rock slide deposits	Rotational rock slide deposits	<i>The process, associated sediments (rotational rock slide deposit) or resultant landform characterized by an extremely slow to moderately rapid type of slide, composed of comparatively dry and largely consolidated rock bodies, portions of which remain largely intact but reoriented, and in which movement occurs along a well-defined, concave shear surface and resulting in a backward rotation of the displaced mass. The landform may be single, successive (repeated up and down slope), or multiple (as the number of slide components increase). Compare - rotational debris slide, rotational earth slide, translational slide, lateral spread, landslide. SW & DV</i>
125	No	136	rotational slide deposits	Rotational slide deposits	<i>An accumulation of sediment resulting from a mass movement and a process characterized by a slide in which shearing takes place on a well defined, curved shear surface, concave upward, producing a backward rotation in the displaced mass.</i>
126	No	167	sand flow deposits	Sand flow deposits	<i>A flow of wet sand, as along banks of noncohesive clean sand that is subject to scour and to repeated fluctuations in pore-water pressure due to rise and fall of the tide. GG</i>
127	Yes	1	sandstone	sandstone	
128	Yes	4	sandstone-calcareous	sandstone-calcareous	
129	Yes	2	sandstone-noncalcareous	sandstone-noncalcareous	

NASIS 7.1.4 Domains

Domain Name: parent_material_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
130	Yes	10	sandstone-shale	sandstone-shale	<p>- (Provisional definition) Soft, friable, isovolumetrically weathered bedrock that retains the fabric and structure of the parent rock (Colman and Dethier, 1986) exhibiting extensive inter-crystal and intra-crystal weathering.</p> <p>In pedology, saprolite was formerly applied to any unconsolidated residual material underlying the soil and grading to hard bedrock below.</p>
131	Yes	11	sandstone-siltstone	sandstone-siltstone	
132	No	142	saprolite	Saprolite	
133	Yes	60	schist	schist	<p>Vesicular, cindery crust or bomb-sized fragments of such material on the surface of andesitic or basaltic lava, the vesicular nature of which is due to the escape of volcanic gases before solidification; it is usually heavier, darker, and more crystalline than pumice. Synonym - cinder.</p> <p>A collective term for an accumulation of coarse rock debris or a sheet of coarse debris mantling a slope. Scree is not a synonym of talus, as scree includes loose, coarse fragment material on slopes without cliffs.</p>
134	Yes	61	schist-acidic	schist-acidic	
135	Yes	62	schist-basic	schist-basic	
136	No	23	scoria	Scoria	
137	No	137	scree	Scree	<p>A category of mass movement processes, associated sediments (slide deposit) or resultant landforms (e.g., rotational slide, translational slide, and snowslide) characterized by a failure of earth, snow, or rock under shear stress along one or several surfaces that are either visible or may reasonably be inferred. The moving mass may or may not be greatly deformed, and movement may be rotational (rotational slide) or planar (translational slide). A slide can result from lateral erosion, lateral pressure, weight of overlying material, accumulation of moisture, earthquakes, expansion owing to freeze-thaw of water in cracks, regional tilting, undermining, fire, and human agencies. Compare -fall, topple, lateral spread, flow, complex landslide. SW & DV (b) The track of bare rock or furrowed earth left by a slide. (c) The mass of material moved in or deposited by a slide. Compare - fall, flow, complex landslide, landslide. SW & GG</p>
138	Yes	75	sedimentary	sedimentary	
139	Yes	59	serpentine	serpentine	
140	Yes	25	shale	shale	
141	Yes	27	shale-calcareous	shale-calcareous	
142	Yes	28	shale-clay	shale-clay	
143	Yes	26	shale-noncalcareous	shale-noncalcareous	
144	Yes	12	shale-siltstone	shale-siltstone	
145	Yes	78	siltstone	siltstone	
146	Yes	80	siltstone-calcareous	siltstone-calcareous	
147	Yes	79	siltstone-noncalcareous	siltstone-noncalcareous	
148	Yes	63	slate	slate	
149	No	168	slide deposits	Slide deposits	

NASIS 7.1.4

Domains

Domain Name: parent_material_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
150	No	111	slope alluvium	Slope alluvium	<i>Sediment gradually transported on mountain or hill slopes primarily by alluvial processes and characterized by particle sorting. In a profile sequence, sediments may be distinguished by differences in size and/or specific gravity of coarse fragments and may be separated by stone lines. Sorting of rounded or subrounded pebbles or cobbles and burnished peds distinguish these materials from unsorted colluvial deposits.</i>
151	No	169	slump block	Slump block	<i>TheA mass of material torn away as a coherent unit during a landslide; a largely intact but displaced and commonly reoriented body of rock or soil. SW & GG</i>
152	No	138	soil fall deposits	Soil fall deposits	
153	Yes	149	solid rock	Solid rock	
154	Yes	151	solifluctate	Solifluctate	
155	No	170	solifluction deposits	Solifluction deposits	<i>A deposit of nonsorted, water-saturated, locally derived earthy material that is moving or has moved downslope, en masse, caused by the melting of seasonal frost or permafrost.</i>
156	No	122	supraglacial debris-flow	Supraglacial debris-flow	
157	No	139	talus	Talus	<i>Rock fragments of any size or shape (usually coarse and angular) derived from and lying at the base of a cliff or very steep rock slope. The accumulated mass of such loose broken rock formed chiefly by falling, rolling, or sliding.</i>
158	No	112	tephra	Tephra	<i>A collective term for all clastic volcanic materials that are ejected from a vent during an eruption and transported through the air, including ash [volcanic], blocks [volcanic], cinders, lapilli, scoria, and pumice. Tephra is a general term which, unlike many volcanoclastic terms, does not denote properties of composition, viscularity, or grain size.</i>
159	No	113	till, ablation	Ablation till	<i>A general term for loose, relatively permeable material deposited during the downwasting of nearly static glacial ice, either contained within or accumulated on the surface of the glacier.</i>
160	No	114	till, basal	Basal till	<i>Unconsolidated material of mixed composition deposited at the base (bottom) of a glacier [The term emphaizes the e.g. subglacial till. Types of basal till include lodgment, melt-out, and flow till.</i>
161	No	115	till, flow	Flow till	<i>A till, commonly supraglacial, that is modified and transported by plastic mass flow; also spelled flow till. Compare - ablation till, basal till, lodgment till, mass-movement till, slump-till, supraglacial melt-out till.</i>
162	No	116	till, lodgment	Lodgment till	<i>A basal till commonly characterized by compact, fissile ("platy") structure and containing coarse fragments oriented with their long axes generally parallel to the direction of ice movement.</i>
163	No	117	till, melt-out	Melt-out till	<i>Till derived from slow melting of debris-rich stagnant ice buried beneath sufficient overburden to inhibit deformation under gravity, thus preserving structures derived from the parent ice.</i>
164	Yes	118	till, slump	Slump till	
165	No	152	till, subglacial	Subglacial till	<i>Till deposited in or by the bottom parts of a glacier or ice sheet; types include lodgement till, subglacial flow till; synonym (not preferred; obsolete): basal till. SW & GM</i>
166	No	119	till, supraglacial	Supraglacial till	
167	No	123	till, supraglacial meltout	Supraglacial meltout till	
168	No	120	till, unspecified	Till	<i>Dominantly unsorted and unstratified drift, generally unconsolidated and deposited directly by a glacier without subsequent reworking by meltwater, and consisting of a heterogeneous mixture of clay, silt, sand, gravel, stones, and boulders; rock fragments of various lithologies are imbedded within a finer matrix that can range from clay to sandy loam. Compare - ablation till, basal till, flowtill, lodgment till, drift, moraine.</i>

NASIS 7.1.4

Domains

Domain Name: parent_material_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
169	No	140	topple deposits	Topple deposits	
170	No	172	translational debris slide deposits	Translational debris slide deposits	<i>The process, associated sediments (translational debris slide deposit) or resultant landform characterized by an extremely slow to moderately rapid type of slide, composed of comparatively dry and largely unconsolidated earthy material, portions or blocks of which remain largely intact and in which movement occurs along a well-defined, planar slip face roughly parallel to the ground surface and resulting in lateral displacement but no rotation of the displaced mass; sediments have substantial proportions of both fine earth and coarse fragments. The landform may be single, successive (repeated up and down slope), or multiple (as the number of slide components increase). Compare - translational earth slide, translational rock slide, rotational slide lateral spread, landslide. SW & DV</i>
171	No	173	translational earth slide deposits	Translational earth slide deposits	<i>The process, associated sediments (translational earth slide deposit) or resultant landform characterized by an extremely slow to moderately rapid type of slide, composed of comparatively dry and largely unconsolidated earthy material, portions or blocks of which remain largely intact and in which movement occurs along a well-defined, planar slip face roughly parallel to the ground surface and resulting in lateral displacement but no rotation of the displaced mass; sediments predominantly fine earth (< 2 mm). The landform may be single, successive (repeated up and down slope), or multiple (as the number of slide components increase). Compare translational debris slide, translational rock slide, rotational slide, lateral spread, landslide. SW & DV</i>
172	No	174	translational rock slide deposits	Translational rock slide deposits	<i>The process, associated sediments (translational rock slide deposit) or resultant landform characterized by an extremely slow to moderately rapid type of slide, composed of comparatively dry and largely consolidated rock bodies, portions or blocks of which remain largely intact and in which movement occurs along a well-defined, planar slip face roughly parallel to the ground surface and resulting in lateral displacement but no rotation of the displaced mass; sediments predominantly fine earth (< 2 mm). The landform may be single, successive (repeated up and down slope), or multiple (as the number of slide components increase). Compare translational debris slide, translational earth slide, rotational slide, lateral spread, landslide. SW & DV</i>
173	No	171	translational slide deposits	Translational slide deposits	<i>A category of mass movement processes, associated sediments (translational slide deposit) or resultant landforms characterized by the extremely slow to moderately rapid downslope displacement of comparatively dry soil-rock material on a surface (slip face) that is roughly parallel to the general ground surface, in contrast to falls topples, and rotational slides. The term includes such diverse slide types as translational debris slides, translational earth slide, translational rock slide, block glides, and slab or flake slides. . Compare - rotational slide, slide, landslide. SW, DV, GG</i>
174	Yes	66	tuff	tuff	
175	Yes	67	tuff-acidic	tuff-acidic	
176	Yes	68	tuff-basic	tuff-basic	
177	Yes	71	tuff-breccia	tuff-breccia	
178	Yes	150	unconsolidated sediments	Unconsolidated sediments	
179	No	121	valley side alluvium	Valley side alluvium	
180	No	16	volcanic ash	Volcanic ash	<i>Unconsolidated, pyroclastic material less than 2 mm in all dimensions.</i>
181	No	17	volcanic ash, acidic	Acidic volcanic ash	
182	No	20	volcanic ash, andesitic	Andesitic volcanic ash	

NASIS 7.1.4

Domains

Domain Name: parent_material_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
183	No	19	volcanic ash, basaltic	Basaltic volcanic ash	
184	No	18	volcanic ash, basic	Basic volcanic ash	
185	No	24	volcanic bombs	Volcanic bombs	
186	Yes	69	volcanic breccia	Volcanic breccia	
187	Yes	43	wood fragments	Wood fragments	

Domain Name: parent_material_modifier

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	clayey	Clayey	<i>The soil texture class is clay, sandy clay, or silty clay.</i>
2	No	2	coarse-loamy	Coarse-loamy	<i>The material contains less than 18 percent clay and 15 percent or more particles that are 0.1 to 75.0 mm in size. The soil texture class is loamy very fine sand, very fine sand, or finer.</i>
3	No	3	coarse-silty	Coarse-silty	<i>The material contains less than 18 percent clay and less than 15 percent particles that are 0.1 to 75.0 mm in size.</i>
4	No	4	fine-loamy	Fine-loamy	<i>The material contains 18 to 35 percent clay and 15 percent or more particles that are 0.1 to 75.0 mm in size.</i>
5	No	5	fine-silty	Fine-silty	<i>The material contains 18 to 35 percent clay and less than 15 percent particles that are 0.1 to 75.0 mm in size.</i>
6	No	6	gravelly	Gravelly	<i>The material contains 15 percent or more rock fragments.</i>
7	No	7	loamy	Loamy	<i>The soil texture class is sandy loam, sandy clay loam, clay loam, silt, silt loam, or silty clay loam.</i>
8	No	8	sandy	Sandy	<i>The soil texture class is sand or loamy sand.</i>
9	No	9	sandy and gravelly	Sandy and gravelly	<i>The soil texture class contains sand or loamy sand, and the material contains 15 percent or more rock fragments.</i>
10	No	10	sandy and silty	Sandy and silty	<i>The soil texture class is sand or loamy sand and silt or silt loam.</i>
11	No	11	silty	Silty	<i>The soil texture class is silt or silt loam.</i>
12	No	12	silty and clayey	Silty and clayey	<i>The soil texture class is silt or silt loam and clay, sandy clay, or silty clay.</i>
13	No	13	sandy and loamy	Sandy and loamy	<i>The soil texture class is sand or loamy sand and sandy loam, sandy clay loam, clay loam, silt, silt loam, or silty clay loam.</i>

Domain Name: parent_material_origin

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	65	aa lava	Aa lava	<i>A type of lava flow having a rough, jagged, clinkery surface. Compare - pahoehoe lava. GG & MA</i>
2	Yes	17	acidic-ash	Acidic-ash	
3	No	102	amphibolite	Amphibolite	
4	No	36	andesite	Andesite	

NASIS 7.1.4

Domains

Domain Name: parent_material_origin

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
5	Yes	20	andesitic-ash	Andesitic-ash	<i>A sedimentary rock (evaporite) composed chiefly of mineral anhydrite (anhydrous CaSO₄); The rock is generally massive, cryptocrystalline, and may exhibit rhythmic sedimentation (rhymites). Compare - rock gypsum, rock halite. SW</i>
6	No	154	anhydrite, rock	Rock anhydrite	
7	No	121	anorthosite	Anorthosite	<i>An off-white to dark red brown weathered detritus or rock composed of aluminum oxides (mainly gibbsite with some boehmite and diaspore), iron hydroxides, silica, silt, and especially clay minerals. Bauxite originates in tropical and subtropical environments as highly weathered residue from carbonate or silicate rocks and can occur in concretionary, earthy, pisolitic or oolitic forms. SW & GG</i>
8	No	108	arenite	Arenite	
9	No	119	argillite	Argillite	
10	No	3	arkose	Arkose	
11	No	35	basalt	Basalt	
12	Yes	19	basaltic-ash	Basaltic-ash	
13	Yes	18	basic-ash	Basic-ash	
14	No	152	bauxite	Bauxite	
15	No	115	breccia, non-volcanic	Non-volcanic breccia	
16	No	122	breccia, non-volcanic, acidic	Acidic Non-volcanic breccia	
17	No	123	breccia, non-volcanic, basic	Basic Non-volcanic breccia	
18	No	40	chalk	Chalk	
19	No	111	chert	Chert	
20	Yes	21	cinders	Cinders	
21	No	109	claystone	Claystone	<i>A coarse-grained, clastic sedimentary rock composed of rounded to subangular rock fragments larger than 2 mm, commonly with a matrix of sand and finer material; cements include silica, calcium carbonate, and iron oxides. The consolidated equivalent of gravel.</i>
22	No	87	coal	Coal	
23	No	15	conglomerate, calcareous	Calcareous conglomerate	
24	Yes	14	conglomerate, noncalcareous	Noncalcareous conglomerate	
25	No	13	conglomerate, unspecified	Conglomerate	
26	No	92	dacite	Dacite	

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Domains

Domain Name: parent_material_origin

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
27	No	95	diabase	Diabase	
28	No	162	diatomite	Diatomite	<i>A light-colored, soft, siliceous sedimentary rock consisting chiefly of opaline diatom frustules deposited in a lacustrine or marine environment. Diatomite has a number of uses owing to its high surface area, absorptive capacity, and relative chemical stability but the term is generally reserved for deposits of actual or potential commercial value.</i>
29	No	80	diorite	Diorite	
30	No	42	dolomite (dolostone)	Dolomite	<i>A carbonate sedimentary rock consisting chiefly (more than 50 percent by weight or by areal percentages under the microscope) of the mineral dolomite.</i>
31	Yes	16	ejecta-ash	Ejecta-ash	<i>Unconsolidated, pyroclastic material less than 2 mm in all dimensions. Commonly called "volcanic ash". Compare - block [volcanic], cinders, lapilli, tephra.</i>
32	No	124	fanglomerate	Fanglomerate	
33	No	81	gabbro	Gabbro	
34	Yes	69	glauconite	Glauconite	
35	No	48	gneiss	Gneiss	
36	No	143	gneiss, biotite	Biotite gneiss	
37	No	144	gneiss, granodioritic	Granodioritic gneiss	
38	No	145	gneiss, hornblende	Hornblende gneiss	
39	No	147	gneiss, migmatitic	Migmatitic gneiss	
40	No	148	gneiss, muscovite-biotite	Muscovite-biotite gneiss	
41	Yes	49	gneiss-acidic	Gneiss-acidic	
42	Yes	50	gneiss-basic	Gneiss-basic	
43	No	33	granite	Granite	
44	No	138	granite and gneiss	Granite and gneiss	
45	No	151	granitoid	Granitoid	<i>a) In the IUGS classification, a preliminary term for (for field use) for a plutonic rock with Q (quartz) between 20 and 40 (%). b) A general term for all phaneritic igneous rocks (mineral crystals visible unaided and all about the same size) dominated by quartz and feldspars.</i>
46	No	96	granodiorite	Granodiorite	
47	No	103	granofels	Granofels	
48	No	116	granulite	Granulite	
49	No	88	graywacke	Graywacke	
50	No	104	greenstone	Greenstone	
51	No	89	gypsum, rock	Rock gypsum	<i>A sedimentary rock (evaporite) composed primarily of mineral gypsum (CaSO₄·2H₂O). The rock is generally massive, ranges from coarse crystalline to fine granular, may show disturbed bedding due to hydration expansion of parent anhydrite (anhydrous CaSO₄), and may exhibit rhythmic sedimentation (rhymites). Compare - gypsite. GG</i>
52	No	155	halite, rock	Rock halite	<i>A sedimentary rock (evaporite) composed primarily of halite (NaCl). SW</i>
53	No	84	hornfels	Hornfels	

NASIS 7.1.4 Domains

Domain Name: parent_material_origin

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
54	No	77	igneous and metamorphic	Igneous and metamorphic rock	
55	No	78	igneous and sedimentary	Igneous and sedimentary rock	
56	Yes	37	igneous, acid	Acid igneous rock	
57	Yes	31	igneous, basic	Basic igneous rock	
58	Yes	30	igneous, coarse crystal	Coarse igneous crystal	
59	Yes	34	igneous, fine crystal	Fine igneous crystal	
60	Yes	32	igneous, intermediate	Intermediate igneous rock	
61	No	76	igneous, metamorphic and sedimentary	Igneous, metamorphic and sedimentary rock	
62	Yes	38	igneous, ultrabasic	Ultrabasic igneous rock	
63	No	29	igneous, unspecified	Igneous rock	
64	No	114	ignimbrite	Ignimbrite	
65	No	5	interbedded sedimentary	Interbedded sedimentary rock	
66	No	93	latite	Latite	
67	No	137	limestone and dolomite	Limestone and dolomite	
68	No	7	limestone and sandstone	Limestone and sandstone	
69	No	8	limestone and shale	Limestone and shale	
70	No	9	limestone and siltstone	Limestone and siltstone	
71	No	44	limestone, arenaceous	Arenaceous limestone	
72	No	45	limestone, argillaceous	Argillaceous limestone	
73	No	46	limestone, cherty	Cherty limestone	
74	No	153	limestone, coral	Coral limestone	<i>An informal term for massive limestone composed primarily of coral and coral fragments commonly associated with marine islands or coral reefs in tropical or subtropical waters. Compare - coral island. SW</i>
75	No	43	limestone, phosphatic	Phosphatic limestone	
76	No	6	limestone, sandstone and shale	Limestone, sandstone, and shale	
77	No	39	limestone, unspecified	Limestone	<i>A sedimentary rock consisting chiefly (more than 50 percent) of calcium carbonate, primarily in the form of calcite. Limestones are usually formed by a combination of organic and inorganic processes and include chemical and clastic (soluble and insoluble) constituents; many contain fossils.</i>
78	No	156	limonite	Limonite	<i>A general 'field' term for various brown to yellowish brown, amorphous- to- cryptocrystalline hydrous ferric oxides that are an undetermined mixture of goethite, hematite, and lepidocrocite formed by weathering and iron oxidation from iron-bearing, rocks and minerals. SW & GG</i>
79	No	41	marble	Marble	

NASIS 7.1.4 Domains

Domain Name: parent_material_origin

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
80	Yes	68	marl	Marl	<i>An earthy, unconsolidated deposit consisting chiefly of calcium carbonate mixed with clay in approximately equal proportions (35 to 65 percent of each); formed primarily under freshwater lacustrine conditions, but varieties associated with more saline environments also occur.</i>
81	No	85	metaconglomerate	Metaconglomerate	
82	No	79	metamorphic and sedimentary	Metamorphic and sedimentary rock	
83	Yes	140	metamorphic, acidic	Acidic metamorphic rock	
84	Yes	142	metamorphic, basic	Basic metamorphic rock	
85	No	47	metamorphic, unspecified	Metamorphic rock	<i>Rock of any origin altered in mineralogical composition, chemical composition, or structure by heat, pressure, and movement at depth in the earth's crust. Nearly all such rocks are crystalline. Examples: schist, gneiss, quartzite, slate, marble.</i>
86	No	105	metaquartzite	Metaquartzite	
87	No	125	metasedimentary, unspecified	Metasedimentary rock	
88	No	146	metasiltstone	Metasiltstone	
89	No	106	metavolcanics	Metavolcanics	
90	No	117	migmatite	Migmatite	
91	Yes	73	mixed	Mixed	
92	Yes	75	mixed-calcareous	Mixed-calcareous	
93	Yes	74	mixed-noncalcareous	Mixed-noncalcareous	
94	No	97	monzonite	Monzonite	
95	No	110	mudstone	Mudstone	<i>a) a blocky or massive, fine-grained sedimentary rock in which the proportions of clay and silt are approximately equal b) A general term that includes clay, silt, claystone, siltstone, shale, and argillite, and that should be used only when the amounts of clay and silt are not known or cannot be precisely identified.</i>
96	No	107	mylonite	Mylonite	
97	No	157	novaculite	Novaculite	<i>A dense, extremely finely grained, even-textured, siliceous, sedimentary rock similar to chert. It is hard, white to grayish-black in color, translucent on thin edges, has a dull to waxy luster, and displays smooth conchoidal fracture when broken.</i> <i>Novaculite principally occurs in the Marathon Uplift of Texas and Ouachita Mountains of Arkansas and Oklahoma where it forms erosion resistant ridges. Novaculite appears to form from chert recrystallization with microcrystalline quartz dominant over cryptocrystalline chalcedony. At the Ouachita Mountains type occurrence, novaculite formed by low-grade, thermal metamorphism of bedded chert. Novaculite is commercially quarried as a whetstone or oilstone. Compare - chert. GG & SW</i>
98	No	82	obsidian	Obsidian	
99	No	120	orthoquartzite	Orthoquartzite	
100	No	66	pahoehoe lava	Pahoehoe lava	<i>A type of basaltic lava flow having a smooth, billowy or rope-like surface. Compare - a'a lava.</i>

NASIS 7.1.4 Domains

Domain Name: parent_material_origin

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
101	No	98	peridotite	Peridotite	
102	No	86	phyllite	Phyllite	
103	No	91	porcellanite	Porcellanite	<i>An indurated or baked clay or shale with a dull, light-colored, cherty appearance, often found in the roof or floor of a burned-out coal seam.</i>
104	No	22	pumice	Pumice	<i>A light-colored, vesicular, glassy rock commonly having the composition of rhyolite. It commonly has a specific gravity of < 1.0 and is thereby sufficiently buoyant to float on water. Compare - scoria, tephra.</i>
105	No	57	pyroclastic (consolidated)	Pyroclastic rock	
106	No	99	pyroxenite	Pyroxenite	
107	No	127	quartz-diorite	Quartz-diorite	
108	No	56	quartzite	Quartzite	
109	No	128	quartz-monzonite	Quartz-monzonite	
110	No	83	rhyolite	Rhyolite	
111	No	10	sandstone and shale	Sandstone and shale	
112	No	11	sandstone and siltstone	Sandstone and siltstone	
113	No	4	sandstone, calcareous	Calcareous sandstone	
114	No	139	sandstone, glauconitic	Glauconitic sandstone	
115	Yes	2	sandstone, noncalcareous	Noncalcareous sandstone	
116	No	1	sandstone, unspecified	Sandstone	<i>Sedimentary rock containing dominantly sand-size clastic particles.</i>
117	No	133	sandstone, volcanic	Volcanic sandstone	
118	Yes	141	schist and phyllite	Schist and phyllite	
119	Yes	53	schist, acidic	Acidic schist	
120	Yes	54	schist, basic	Basic schist	
121	No	159	schist, biotite	Biotite schist	<i>A strongly foliated crystalline rock formed by dynamic metamorphism that has well-developed parallelism of more than 50 percent of the minerals present, primarily biotite.</i>
122	No	149	schist, graphitic	Graphitic schist	
123	No	126	schist, mica	Mica schist	
124	No	160	schist, muscovite	Muscovite schist	<i>A strongly foliated crystalline rock formed by dynamic metamorphism that has well-developed parallelism of more than 50 percent of the minerals present, primarily muscovite.</i>
125	No	161	schist, sericite	Sericite schist	<i>A strongly foliated crystalline rock formed by dynamic metamorphism that has well-developed parallelism of more than 50 percent of the minerals present, primarily sericite. A fine-grained muscovite</i>
126	No	52	schist, unspecified	Schist	
127	No	23	scoria	Scoria	<i>Vesicular, cindery crust or bomb-sized fragments of such material on the surface of andesitic or basaltic lava, the vesicular nature of which is due to the escape of volcanic gases before solidification; it is usually heavier, darker, and more crystalline than pumice. Synonym - cinder. Compare - pumice, tephra.</i>

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Domains

Domain Name: parent_material_origin

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
128	No	67	sedimentary, unspecified	Sedimentary rock	<i>A consolidated deposit of clastic particles, chemical precipitates, and organic remains accumulated at or near the surface of the earth under "normal" low temperature and pressure conditions. Sedimentary rocks include consolidated equivalents of alluvium, colluvium, drift, and eolian, lacustrine, marine deposits; e.g., sandstone, siltstone, mudstone, clay-stone, shale, conglomerate, limestone, dolomite, coal, etc. Compare - sediment.</i>
129	No	51	serpentinite	Serpentinite	
130	No	12	shale and siltstone	Shale and siltstone	
131	No	90	shale, acid	Acid shale	
132	No	27	shale, calcareous	Calcareous shale	
133	No	28	shale, clayey	Clayey shale	
134	Yes	26	shale, noncalcareous	Noncalcareous shale	
135	No	25	shale, unspecified	Shale	<i>Sedimentary rock formed by induration of a clay, silty clay, or silty clay loam deposit and having the tendency to split into thin layers, i.e., fissility.</i>
136	No	158	siltite	Siltite	
					<i>A compact, weakly metamorphosed rock formed by alteration of siltstone, mudstone, or silty shale. Siltite is more indurated than mudstone or shale and lacks either shale fissility or slate-like cleavage. Siltite differs from argillite in that silt-size grains (0.002 to 0.062 mm) rather than clay-size (<0.002 mm) dominate the matrix. Siltite differs from siltstone, mudstone, or shale in that it exhibits very low to low grade metamorphic or diagenetic layer silicate and feldspar alteration to sericite, chlorite, and albite (subgreenschist to greenschist metamorphic facies) (Maxwell, 1973; Kidder, 1987).</i>
137	No	72	siltstone, calcareous	Calcareous siltstone	
138	Yes	71	siltstone, noncalcareous	Noncalcareous siltstone	
139	No	70	siltstone, unspecified	Siltstone	<i>Sedimentary rock containing dominantly silt-size clastic particles.</i>
140	No	55	slate	Slate	
141	No	150	slate, sulfidic	Sulfidic slate	
142	No	118	soapstone	Soapstone	
143	No	100	syenite	Syenite	
144	No	101	syenodiorite	Syenodiorite	
145	No	129	tachylite	Tachylite	
146	No	130	tonalite	Tonalite	
147	No	94	trachyte	Trachyte	
148	No	112	travertine	Travertine	
149	No	113	tufa	Tufa	
150	No	64	tuff breccia	Tuff breccia	
151	No	59	tuff, acidic	Acidic tuff	
152	No	60	tuff, basic	Basic tuff	
153	No	58	tuff, unspecified	Tuff	<i>A compacted deposit that is 50 percent or more volcanic ash and dust.</i>
154	No	132	tuff, welded	Welded tuff	

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Domains

Domain Name: parent_material_origin

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
155	No	131	ultramafic, unspecified	Ultramafic rock	
156	No	136	volcanic and metamorphic	Volcanic and metamorphic rock	
157	No	135	volcanic and sedimentary	Volcanic and sedimentary rock	
158	Yes	24	volcanic bombs	Volcanic bombs	
159	No	62	volcanic breccia, acidic	Acidic volcanic breccia	
160	No	63	volcanic breccia, basic	Basic volcanic breccia	
161	No	61	volcanic breccia, unspecified	Volcanic breccia	
162	No	134	volcanic, unspecified	Volcanic rock	<i>A generally fine-grained or glassy igneous rock resulting from volcanic action at or near the Earth's surface, either ejected explosively or extruded as lava. The term includes near-surface intrusions that form a part of the volcanic structure.</i>

Domain Name: pci_concentration_areas

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	1	1	<i>Livestock concentration areas cover >10% of the pasture; or all convey contaminated runoff directly into water channels.</i>
2	No	2	2	2	<i>Livestock concentration areas and trails cover 5-10% of the pasture; most close to water channels and drain into them unbuffered.</i>
3	No	3	3	3	<i>Isolated livestock concentration areas and trails cover <5% of the area; one close to water channel and drains into it unbuffered.</i>
4	No	4	4	4	<i>Some livestock trails and one or two small concentration areas. Buffer areas between them and water channels.</i>
5	No	5	5	5	<i>No presence of livestock concentration areas or heavy use areas sited or treated to minimize contaminated runoff.</i>

Domain Name: pci_desirable_plants

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	1	1	<i>Desirable species make up <20% of the stand. Annual weeds and/or woody species dominate.</i>
2	No	2	2	2	<i>Desirable species make up 20-40% of the stand. Mostly weedy annuals and/or woody species present and expanding. Shade is a factor.</i>
3	No	3	3	3	<i>Desirable species make up 40-60% of the stand. Undesirable broadleaf weeds and annual weedy grasses invading. Some woodies.</i>
4	No	4	4	4	<i>Desirable species make up 60-80% of the stand. Remainder mostly intermediates and a few undesirables present.</i>

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Domains

Domain Name: pci_desirable_plants

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
5	No	5	5	5	<i>Desirable species exceed 80% of the stand. Scattered intermediates.</i>

Domain Name: pci_ground_cover_residue

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	1	1	<i>No identifiable residue present on soil surface. Or, heavy thatch evident (> 1 inch thick).</i>
2	No	2	2	2	<i>1-10% covered with dead leaves or stems. Or, thatch 0.5-1 inch thick.</i>
3	No	3	3	3	<i>10-20% covered with dead residue. Or, slight thatch buildup but <0.5 inch thick.</i>
4	No	4	4	4	<i>20-30% covered with dead residue. No thatch present.</i>
5	No	5	5	5	<i>30-70% covered with dead residue, but no thatch buildup.</i>

Domain Name: pci_gully_erosion

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	1	1	<i>Mass movement of soil, rock, plants, and other debris; occurrence of landslides, debris avalanches, slumps and earthflow, creep and debris torrents. Found in mountainous or very hilly terrain.</i>
2	No	2	2	2	<i>Gully(s) advancing upslope cutting long channel(s). Revegetation difficult without using constructed structures and livestock exclusion; continuous gully(s) with many finger-like extensions into the hillside.</i>
3	No	3	3	3	<i>Gully(s) present with scattered active erosion, vegetation missing at heavy use slopes and/or on bed below overfalls. New eroding channels present and new overfalls appearing along sides and bed of main channel.</i>
4	No	4	4	4	<i>Gully(s) present with scattered active erosion, vegetation missing at heavy use slopes and/or on bed below overfalls. New eroding channels present and new overfalls appearing along sides and bed of main channel.</i>
5	No	5	5	5	<i>No gullies present; natural drainageways are stable grassed channels. Spring or seep fed bare channels are small and stable, often covered with overhanging vegetation.</i>

Domain Name: pci_legume_pct_class

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	1	1	<i><10% by weight. Or, greater than 60% of bloating legumes.</i>
2	No	2	2	2	<i>10-19% legumes. Or, losing grass, 40-60% spreading legumes.</i>
3	No	3	3	3	<i>20-29% legumes.</i>
4	No	4	4	4	<i>30-39% legumes.</i>
5	No	5	5	5	<i>40-60% legumes. No grass loss; grass may be increasing.</i>

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Domain Name: pci_legume_pct_class

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
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Domain Name: pci_plant_cover

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	1	1	Canopy <50%. Basal area <15%. Photosynthetic area very low. Very little plant cover to slow or stop runoff.
2	No	2	2	2	Canopy 50-75%. Basal area 15-25%. Photosynthetic area low. Vegetal retardance to runoff low.
3	No	3	3	3	Canopy 70-90%. Basal area 25-35%. Most forages grazed close, little leaf area to intercept sunlight. Moderate vegetal retardance.
4	No	4	4	4	Canopy 90-95%. Basal area 35-50%. Spot grazed low and high so some loss of photosynthetic potential. Vegetal retardance stil high.
5	No	5	5	5	Canopy 95-100%. Basal area >50%. Forages maintained in leafy condition for best photosynthetic activity. Very thick stand, slow or no runoff flows.

Domain Name: pci_plant_diversity

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	1	1	One dominant (>75% of DM wt.) forage species. Or, over 5 forage species (all <20%) from one dominant functional group, not evenly grazed - poorly distributed.
2	No	2	2	2	Two to five forage species from one dominant functional group (>75% of DM wt.). At least one avoided by livestock permitting presence of mature seed stalks. Species in patches.
3	No	3	3	3	Three forage species (each =>20% of DM wt.) from one functional group. None avoided. Or, one forage species from each of two functional groups, both supply 25-50% of DM weight.
4	No	4	4	4	Three or four forage species (each =>20% of DM wt.) with at least one being a legume. Well intermixed compatible growth habit, and comparable palatability.
5	No	5	5	5	Four or five forage species representing three functional groups (each =>20% of DM wt.) with at least one being a legume. Intermixed well, compatible growth habit, and comparable palatability.

Domain Name: pci_plant_vigor

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	1	1	No recovery after grazing or pale yellow or brown, or permanent wilting, or plant loss due to insects or disease, exercise lot only. Or, lodged, dark green overly lush forage. Often avoided by grazers.
2	No	2	2	2	Recovery after grazing takes 2 or more weeks longer than normal, or yellowish-green leaves, or major insect or disease yield loss, or plants wilted most of day. Productivity very low.

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Domains

Domain Name: pci_plant_vigor

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
3	No	3	3	3	<i>Recovery after grazing takes 1 week longer than normal, or urine/dung patches dark green in contrast to rest of plants, or minor insect or disease loss, or mid-day plant wilting. Yields regularly below site potential.</i>
4	No	4	4	4	<i>Recovery after grazing takes 1 to 2 days longer than normal, or light green plants among greener urine and dung patches, or minor insect or disease damage. No plant wilting. Yields near site potential.</i>
5	No	5	5	5	<i>Rapid recovery after grazing. Healthy green color. No signs of insect or disease damage. No leaf wilting. Yields at site potential for the species adapted to site's soil and climate.</i>

Domain Name: pci_sheet_rill_erosion

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	1	1	<i>Sheet and rill erosion is active throughout the pasture; rills 3-8 inches deep at close intervals and/or grazing terracettes are closely spaced with some slope slippage.</i>
2	No	2	2	2	<i>Most sheet and rill erosion confined to steepest terrain of unit; well defined rills 0.5-3 inches deep at close intervals and/or grazing terracettes present.</i>
3	No	3	3	3	<i>Most sheet and rill erosion confined to heavy use areas, especially in loafing areas and water sites; rills 0.5-3 inches deep. Debris fans at downslope edge.</i>
4	No	4	4	4	<i>No current formation of rills; some evidence of past till formation, but are grassed over. Scattered debris dams of litter present occasionally.</i>
5	No	5	5	5	<i>No evidence of current or past formation of sheet flow or rills.</i>

Domain Name: pci_soil_compaction

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	1	1	<i>Infiltration capacity and surface runoff severely affected by heavy compaction. Excessive livestock traffic killing plants over wide areas. Very hard to push probe into soil without damaging the probe.</i>
2	No	2	2	2	<i>Infiltration capacity lowered and surface runoff increased due to large areas of bare ground and dense compaction layer at the surface. Livestock trails common throughout. Off-trail hoof prints common. Hard to push probe past compacted layer.</i>
3	No	3	3	3	<i>Infiltration capacity lowered and surface runoff increased due to plant cover loss and soil compaction by livestock hooves. Soil resistant to soil probe entry at one or more depths within plow depth.</i>
4	No	4	4	4	<i>Infiltration capacity lowered and surface runoff increased due to reduce vegetal cover/retardance. Probe enters soil easily except at rocks. Scattered signs of livestock trails and hoof prints, confined to lanes or small, wet areas.</i>
5	No	5	5	5	<i>Infiltration capacity and surface runoff are equal to that expected for an ungrazed meadow; not affected by livestock traffic.</i>

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Domains

Domain Name: pci_standing_dead_forage

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	1	1	>25% of air dry weight.
2	No	2	2	2	15-25% of air dry weight.
3	No	3	3	3	5-15% of air dry weight.
4	No	4	4	4	Some present, but <5% of air dry weight.
5	No	5	5	5	None available to grazing animal.

Domain Name: pci_stream_shore_erosion

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	1	1	Streambanks mostly bare and sloughing. No native streambank or shoreline vegetation remaining.
2	No	2	2	2	Streambanks are heavily grazed and trampled all over. Many are actively eroding laterally. Little native streambank or shoreline vegetation. Bank sloughing common.
3	No	3	3	3	Streambanks are closely grazed, but few are unstable. Some native streambank or shoreline vegetation remaining. Livestock enter only at specific points, but heavily used. Remote alternative water site present.
4	No	4	4	4	Streambanks are grazed but stable. Mix of pasture plants and native water's edge species. Muddy livestock stream crossing(s) or pond entrance(s) not used heavily. Alternative water sites present.
5	No	5	5	5	Streambanks ungrazed or grazed infrequently. Abundant streambank or shore loving vegetation. Gravelly or constructed stable livestock stream crossing(s) or watering ramp(s). Or, alternative water sources present and close-by.

Domain Name: pci_use_uniformity

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	1	1	Little-grazed patches cover over 50% of the pasture. Mosaic pattern throughout or identifiable areas of pasture avoided.
2	No	2	2	2	Little-grazed patches cover 25-50% of the pasture either in a mosaic pattern or obvious portion is not frequented.
3	No	3	3	3	Little-grazed patches cover 10-25% of the pasture either in a mosaic pattern or obvious portion is not frequented.
4	No	4	4	4	Little-grazed patches minor spots where isolated forage species is rejected. Urine and dung patches avoided.
5	No	5	5	5	Rejected areas only at urine and dung patches. No forage species rejection.

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Domains

Domain Name: pci_wind_erosion

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	1	1	<i>Blowouts or dunes forming or present.</i>
2	No	2	2	2	<i>Soil swept from the established pasture being rated causing plant death by burial or abrasion.</i>
3	No	3	3	3	<i>Soil swept from adjacent fields or pasture during seedbed preparation and seedling growth to pasture plant death by burial or abrasion.</i>
4	No	4	4	4	<i>Some vegetative debris windrowed. Some dust deposition from offsite source. Minor wind damage to foliage.</i>
5	No	5	5	5	<i>No visible signs of windblown soil or trash. No wind related leaf damage.</i>

Domain Name: pedoderm_class

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	bare mineral soil	Bare mineral soil	<i>Pedoderm is characterized by bare mineral soil and no other class.</i>
2	No	15	biological crust	Biological crust	<i>Crust is typically composed of one or more functional/structural biological groups (cyanobacteria, algae, moss, lichen).</i>
3	No	7	cemented pan	Cemented pan	<i>Cemented pan exposed at surface.</i>
4	No	13	desert pavement	Desert pavement	<i>Desert pavement; a concentration of closely packed and varnished rock fragments at the soil surface, embedded in a vesicular crust.</i>
5	No	14	duff	Duff	<i>Partially and fully decomposed plant and organic matter located above the A horizon (a patchy or continuous O horizon).</i>
6	No	12	erosion pavement	Erosion pavement	<i>A lag of rock fragments remaining after erosion and removal of finer soil material, forming a dense uniform pavement; individual fragments may be displaced during runoff events.</i>
7	No	16	physical crust	Physical crust	<i>Crust is usually platy or massive, with no substantial biological component.</i>
8	No	4	rock mulch	Rock mulch	<i>Rock mulch with stable soil; surface soil material trapped and protected by closely spaced and partially embedded rock fragments (mostly cobbles and larger) or intermingled with bedrock.</i>
9	No	8	salt crust	Salt crust	<i>Salt crust of fine to extremely coarse evaporite crystals or visible whitening on the soil surface; may include biological components.</i>
10	No	3	soil aggregates	Soil aggregates	<i>Well-formed or distinct structural aggregates at the soil surface and no other pedoderm class (well aggregated, but not platy, stable soils).</i>

Domain Name: pedon_cert_status

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	certified	Certified	<i>The pedon has been reviewed and can be used for correlation and analysis.</i>
2	No	2	not certified	Not certified	<i>The pedon has been reviewed and it has been determined that the pedon should not be used for analysis or correlation decisions.</i>

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Domains

Domain Name: pedon_purpose

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	crop yield data site	Crop yield data site	<i>Documentation gathered to associate agronomic data collection on a particular soil.</i>
2	No	7	ecological site data	Ecological site data	<i>Documentation gathered to associate ecological data collection on a particular soil.</i>
3	Yes	3	forestry data site	Forestry data site	
4	Yes	4	full pedon description	Full pedon description	
5	No	8	laboratory sampling site	Laboratory sampling site	<i>Location where soil samples and description taken to be analyzed by laboratory; should have laboratory analysis results associated with point now or in near future.</i>
6	Yes	6	range data site	Range data site	
7	No	5	research site	Research site	<i>Site where research other than vegetation data is collected or repeated measurements are taken. Includes environmental monitoring site for precipitation, air/soil temperature or moisture, Snow Survey Snotel site.</i>
8	No	2	soil survey inventory	Soil survey inventory	<i>Documentation gathered for general purposes of supporting the soil survey inventory.</i>
9	No	9	technical soil services	Technical soil services	<i>Documentation gathered to provide onsite technical soil services to customer.</i>
10	No	10	wetland determination	Wetland determination	<i>Documentation gathered to support an onsite wetland determination.</i>

Domain Name: pedon_text_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	5	conversion problem	Conversion problem	<i>Note related to a problem on converting data from PDP system to NASIS.</i>
2	No	4	correlation notes	Correlation notes	
3	No	3	miscellaneous notes	Miscellaneous notes	
4	No	6	pedon conversion	Pedon conversion	
5	No	1	pedon note, formatted	Pedon note, formatted	<i>A formatted note written at the time of describing a site, pedon. or horizon. This note may be included into the pedon description report.</i>
6	No	2	pedon note, unformatted	Pedon note, unformatted	<i>A free-form note written at the time of describing a site, pedon. or horizon.</i>
7	No	8	quality assurance	Quality assurance	<i>A text note related to Quality Assurance.</i>
8	No	9	quality control	Quality control	<i>A text note related to Quality Control.</i>
9	No	7	windows pedon import issue	Windows Pedon import issue	

Domain Name: pedon_type

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	9	confirmation description	Confirmation description	<i>Pedon documentation confirms location is mapped accurately but description is brief or little information is available for supporting aggregate component data.</i>
2	No	6	correlates to named soil	Correlates to named soil	<i>Pedon description is complete enough to classify confidently, matches taxon of correlated soil name, and is suitable for supporting aggregate component data. Can be used for pedons where correlated name uses taxon terms.</i>

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Domain Name: pedon_type

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
3	Yes	1	map unit inclusion	Map unit inclusion	<i>Pedon described represents a minor component (inclusion) in the map unit.</i>
4	No	7	OSD pedon	OSD pedon	<i>Pedon described is the Official Series Description (OSD) type location.</i>
5	No	4	representative pedon for component	Representative pedon for component	<i>Pedon described is representative for the map unit component, but is not for the Official Series Description or Taxonomic Unit Description.</i>
6	No	8	taxadjunct to the series	Taxadjunct to the series	<i>Pedon description is complete enough to classify confidently but is not same taxon as correlated soil series name, may be suitable for supporting aggregate component data. Only appropriate where taxon kind is Taxadjunct.</i>
7	No	2	TUD pedon	TUD pedon	<i>Pedon used as manuscript taxonomic unit description (TUD), but is not OSD.</i>
8	No	5	undefined observation	Undefined observation	<i>Pedon description cannot be correlated at time of visit. This type is generally intended to flag pedons where correlation needs to occur in the future.</i>
9	Yes	3	within range of map unit	Within range of map unit	<i>Pedon described is within the range in characteristics of the named taxonomic unit for the map unit.</i>

Domain Name: pending_action

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	add	Add	
2	No	2	change	Change	
3	No	3	delete	Delete	

Domain Name: pending_status

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	approved	Approved	
2	No	2	pending	Pending	
3	No	3	rejected	Rejected	

Domain Name: penetration_orientation

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	horizontal	Horizontal	<i>Penetrometer blade inserted horizontally into soil specimen.</i>
2	No	2	vertical	Vertical	<i>Penetrometer blade inserted vertically into soil specimen.</i>

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Domains

Domain Name: penetration_resistance

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	2	extremely low	Extremely low	<0.01 MPa resistance.
2	No	7	very low	Very low	0.01 to <0.1 MPa resistance.
3	No	4	low	Low	0.1 to <1.0 MPa resistance.
4	No	5	moderate	Moderate	1 to <2 MPa resistance.
5	No	3	high	High	2 to <4 MPa resistance.
6	No	6	very high	Very high	4 to <8 MPa resistance.
7	No	1	extremely high	Extremely high	=>8 MPa resistance.

Domain Name: penetrometer_spring_type

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	3	jones 11	Jones 11	
2	No	4	jones 323	Jones 323	
3	No	1	lee	Lee	
4	No	2	original	Original	

Domain Name: penetrometer_tip_type

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	2	foot	foot	25 mm diameter foot attached.
2	No	1	rod	rod	Fat ended rod; 6.4 mm diameter.

Domain Name: permeability_class

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	8	impermeable	Impermeable	<0.01 um/sec or < 0.0015 in/hr
2	No	1	very slow	Very slow	0.01 to <0.42 um/sec, or 0.0015 to <0.06 in/hr
3	No	2	slow	Slow	0.42 to <1.41 um/sec, or 0.06 to <0.2 in/hr
4	No	3	moderately slow	Moderately slow	1.41 to <4.23 um/sec, or 0.2 to <0.6 in/hr
5	No	4	moderate	Moderate	4.23 to <14.1 um/sec, or 0.6 to <2 in/hr
6	No	5	moderately rapid	Moderately rapid	14.1 to <42.34 um/sec, or 2.0 to <6.0 in/hr
7	No	6	rapid	Rapid	42.34 to <141.14 um/sec, or 6.0 to <20 in/hr
8	No	7	very rapid	Very rapid	=>141.14 um/sec, or =>20 in/hr

NASIS 7.1.4 Domains

Domain Name: ph_determination_method

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	Yes	3	bromcresol green	Bromcresol green	
2	Yes	5	bromcresol purple	Bromcresol purple	
3	Yes	1	bromthymol blue	Bromthymol blue	
4	Yes	9	chlorophenol red	Chlorophenol red	
5	Yes	2	cresol red	Cresol red	
6	Yes	14	hellige-truog	Hellige-Truog	
7	Yes	4	lamotte-morgan	LaMotte-Morgan	
8	No	17	pH indicator solutions	pH indicator solutions	<i>pH determined using pH indicator solutions.</i>
9	No	7	pH indicator strip	pH indicator strip	<i>pH determined using pH indicator strips on field moist soils.</i>
10	No	6	pH meter	pH meter	<i>pH determined using a pH meter on field moist soil.</i>
11	Yes	16	pH meter 1:2 calcium chloride	pH meter 1:2 calcium chloride	
12	Yes	15	pH meter, saturated paste	pH meter, saturated paste	
13	Yes	8	phenol red	Phenol red	
14	Yes	10	soil test	Soil test	
15	Yes	11	thymol-blue	Thymol-blue	
16	No	13	unspecified	Unspecified	
17	Yes	12	ydrion	Ydrion	

Domain Name: phorizon_text_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	5	conversion problem	Conversion problem	<i>Note related to a problem on converting data from PDP system to NASIS.</i>
2	No	4	correlation notes	Correlation notes	
3	No	1	horizon note, formatted	Horizon note, formatted	<i>A formatted note written at the time of describing a site, pedon. or horizon. This note may be included into the pedon description report.</i>
4	No	2	horizon note, unformatted	Horizon note, unformatted	<i>A free-form note written at the time of describing a site, pedon. or horizon.</i>
5	No	3	miscellaneous notes	Miscellaneous notes	
6	No	6	windows pedon import issue	Windows Pedon import issue	

Domain Name: Physical Data Type (NASIS 6 metadata)

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	bigint	Bigint	
2	No	2	binary	Binary	

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Domains

Domain Name: Physical Data Type (NASIS 6 metadata)

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
3	No	3	bit	Bit	
4	No	4	char	Char	
5	No	6	datetime	Datetime	
6	No	7	decimal	Decimal	
7	No	8	float	Float	
8	No	32	geometry	Geometry	
9	No	9	image	Image	
10	No	10	int	Int	
11	No	11	money	Money	
12	No	12	nchar	Nchar	
13	No	13	ntext	Ntext	
14	No	14	numeric	Numeric	
15	No	15	nvarchar	Nvarchar	
16	No	29	nvarchar(max)	Nvarchar(max)	
17	No	16	real	Real	
18	No	17	smalldatetime	Smalldatetime	
19	No	18	smallint	Smallint	
20	No	19	smallmoney	Smallmoney	
21	No	20	sql_variant	SQL_Variant	
22	No	22	text	Text	
23	No	23	timestamp	Timestamp	
24	No	24	tinyint	Tinyint	
25	No	25	uniqueidentifier	Uniqueidentifier	
26	No	26	varbinary	Varbinary	
27	No	31	varbinary(max)	Varbinary(max)	
28	No	27	varchar	Varchar	
29	No	30	varchar(max)	Varchar(max)	
30	No	28	xml	XML	

Domain Name: physical_crust_subtype

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	depositional crust	Depositional crust	<i>Reversibly bonded crusts composed predominantly of primary or secondary mineral grains of sediment. They are generally rigid when moist or dry. Thickness is variable.</i>

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Domains

Domain Name: physical_crust_subtype

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
2	No	2	freeze-thaw crust	Freeze-thaw crust	<i>Reversibly bonded crusts composed predominantly of primary or secondary mineral grains. They are formed by freeze-thaw cycles, and are generally rigid when moist or dry.</i>
3	No	3	raindrop impact crust	Raindrop impact crust	<i>Reversibly bonded crusts composed predominantly of primary or secondary mineral grains that are dispersed and puddled by the impact of raindrops on the soil surface. They are generally rigid when moist or dry.</i>
4	No	4	vesicular crust	Vesicular crust	<i>A layer at the soil surface consisting of many unconnected spherical or ovoid pores.</i>
5	No	5	none evident	None evident	

Domain Name: physical_data_type

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	bigint	Big Integer	
2	No	2	binary	Binary	
3	No	3	bit	Bit	
4	No	4	char	Character	
5	No	6	datetime	Date/Time	
6	No	7	decimal	Decimal	
7	No	8	float	Float	
8	No	32	geometry	Geometry	
9	No	9	image	Image	
10	No	10	int	Integer	
11	No	11	money	Money	
12	No	12	nchar	Unicode Char	
13	No	13	ntext	Unicode Text	
14	No	14	numeric	Numeric	
15	No	15	nvarchar	Unicode Varchar	
16	No	29	nvarchar(max)	Unicode Varchar(max)	
17	No	16	real	Real	
18	No	17	smalldatetime	Small Date/Time	
19	No	18	smallint	Small Integer	
20	No	19	smallmoney	Small Money	
21	No	20	sql_variant	SQL Variant	
22	No	22	text	Text	
23	No	23	timestamp	Timestamp	
24	No	24	tinyint	Tiny Integer	

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Domain Name: physical_data_type

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
25	No	25	uniqueidentifier	Unique Identifier	
26	No	26	varbinary	Varbinary	
27	No	31	varbinary(max)	Varbinary(max)	
28	No	27	varchar	Varchar	
29	No	30	varchar(max)	Varchar(max)	
30	No	28	xml	XML	

Domain Name: plant_density_class

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	1 to 10	1 to 10	One to 10 plants per quadrat. Dependent on quadrat size recorded for the species being counted.
2	No	2	11 to 100	11 to 100	11 to 100 plants per quadrat. Dependent on quadrat size recorded for the species being counted.
3	No	3	101 to 500	101 to 500	101 to 500 plants per quadrat. Dependent on quadrat size recorded for the species being counted.
4	No	4	501 to 999	501 to 999	501 to 999 plants per quadrat. Dependent on quadrat size recorded for the species being counted.
5	No	5	> 999	> 999	More than 999 plants per quadrat. Dependent on quadrat size recorded for the species being counted.

Domain Name: plant_moisture_state

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	fresh (green) weights	Fresh (green) weights	Moisture content of the plant material is as it was at the time of observation. No drying of the plant material has occurred prior to weighing.
2	No	2	air-dry weights	Air-dry weights	Plant material was air dried prior to weighing.
3	No	3	oven dry weights	Oven dry weights	Plant material was dried in an oven prior to weighing.
4	No	4	not specified	Not specified	No indication of moisture content was noted.

Domain Name: plant_nativity

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	introduced	Introduced	Species was introduced from another geographic region.
2	No	2	native	Native	Species is naturally found in the region or is naturalized.
3	No	3	unknown	Unknown	Not known whether species is considered native or introduced.

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Domains

Domain Name: plant_residue_adequacy

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	abundant	Abundant	
2	No	2	adequate	Adequate	
3	No	3	inadequate	Inadequate	

Domain Name: plant_type

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	forb	Forb	
2	No	2	grass/grasslike	Grass/Grasslike	
3	No	3	lichen	Lichen	
4	No	4	microbiotic crust	Microbiotic crust	
5	No	5	moss	Moss	
6	No	6	shrub/vine	Shrub/vine	
7	No	7	tree	Tree	

Domain Name: plasticity

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	2	nonplastic	Nonplastic	<i>A roll of soil 4cm long x 6mm diameter cannot support itself when held on end.</i>
2	No	3	slightly plastic	Slightly plastic	<i>A roll of soil 4cm long x 6mm diameter supports itself when held on end; a 4mm roll does not.</i>
3	No	1	moderately plastic	Moderately plastic	<i>A roll of soil 4cm long x 4mm diameter supports itself when held on end; a 2mm roll does not.</i>
4	No	4	very plastic	Very plastic	<i>A roll of soil 4cm long x 2mm diameter supports itself when held on end.</i>

Domain Name: plot_protocol

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	basal area	Basal area	<i>Used to determine tree basal area. Reference: Husch et. al. 2002, Forest Mensuration, 4th ed., Chapter 8, Stand Parameters.</i>
2	No	2	crop tree inventory	Crop tree inventory	<i>Used to determine the composition, quality, condition (age, size, health, growth rate, height), and stocking (trees per acre, percent stocking, D+ spacing, or basal area) of a stand by inventorying the trees on a quality basis (Leave/Cut/Other). Data elements include species, DBH, quality rating, age.</i>
3	No	3	windbreak	Windbreak	

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Domains

Domain Name: plot_protocol

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
4	No	4	fixed radius	Fixed radius	Used to determine tree diameter, range of diameters, stocking rate (trees per acre, percent stocking, D+ spacing, or basal area, stand composition, and stand condition (age, health, growth rate, and height) by measuring all or some of the trees within a fixed area plot. Data elements include species, distance between trees, age, growth rate, tree quality, and DBH. Reference: NFH 636.3
5	No	5	ocular estimate	Ocular estimate	
6	No	6	pasture condition score	Pasture condition score	Used on pastureland to determine how well a pasture is managed and management impacts on soil, water, and air quality. Reference: Guide to Pasture Condition Scoring; Pasture condition Score Sheet.
7	No	7	pasture stick	Pasture stick	
8	No	8	rangeland health	Rangeland health	Used to assess whether the integrity of ecological processes are balanced and sustained. Reference: Interpreting Indicators of Rangeland Health, Version 4.
9	No	9	releve method	Releve method	Used to determine canopy cover, vertical and horizontal structure. References: Barbour et.al 1987, Terrestrial Plant Ecology, Second Edition, Chapter 9; California Native Plant Society 2007, Relev protocol; Minnesota Department of Natural Resources 2007, A handbook for collecting vegetation plot data in Minnesota: The relev method.
10	No	10	site index	Site index	Used to determine site index. Reference: National Forestry Manual, Exhibit 537-1.
11	No	11	variable radius	Variable radius	Used to determine tree diameter, range of diameters, stocking rate (trees per acre, percent stocking, D+ spacing, or basal area, stand composition, and stand condition (age, health, growth rate, and height) by measuring all or some of the trees within a plot of a radius limit determine by tree size. Data elements include species, distance between trees, age, growth rate, tree quality, and DBH. Reference: NFH 636.3
12	No	12	zig zag	Zig zag	Used to determine tree diameter, range of diameters, stocking rate (trees per acre, percent stocking, D+ spacing, or basal area, stand composition, and stand condition (age, health, growth rate, and height) by taking individual tree measurements along a designed zig-zag transect. Data elements include species, distance between trees, age, growth rate, tree quality, and DBH. Reference: NFH 636.3

Domain Name: plss_meridian

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	black hills	Black Hills	
2	No	2	boise	Boise	
3	No	3	chickasaw	Chickasaw	
4	No	4	choctaw	Choctaw	
5	No	5	cimarron	Cimarron	
6	No	6	connecticut western reserve	Connecticut Western Reserve	
7	No	7	copper river	Copper River	

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Domain Name: plss_meridian

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
8	No	8	fairbanks	Fairbanks	
9	No	9	fifth principal	Fifth Principal	
10	No	10	first principal	First Principal	
11	No	11	first scioto river	First Scioto River	
12	No	12	fourth principal	Fourth Principal	
13	No	13	fourth principal extended	Fourth Principal Extended	
14	No	14	gila and salt river	Gila and Salt River	
15	No	15	great miami river	Great Miami River	
16	No	16	humboldt	Humboldt	
17	No	17	huntsville	Huntsville	
18	No	18	indian	Indian	
19	No	19	kateel river	Kateel River	
20	No	20	louisiana	Louisiana	
21	No	21	michigan	Michigan	
22	No	22	mount diablo	Mount Diablo	
23	No	23	muskingum river	Muskingum River	
24	No	24	navajo	Navajo	
25	No	25	new mexico principal	New Mexico Principal	
26	No	26	ohio company purchase	Ohio Company Purchase	
27	No	27	ohio river	Ohio River	
28	No	28	principal	Principal	
29	No	29	salt lake	Salt Lake	
30	No	30	san bernardino	San Bernardino	
31	No	31	second principal	Second Principal	
32	No	32	second scioto river	Second Scioto River	
33	No	33	seward	Seward	
34	No	34	sixth principal	Sixth Principal	
35	No	35	st. helena	St. Helena	
36	No	36	st. stephens	St. Stephens	
37	No	37	tallahassee	Tallahassee	
38	No	38	third principal	Third Principal	
39	No	39	third scioto river	Third Scioto River	
40	No	40	twelve-mile square	Twelve-Mile Square	
41	No	41	u.s. military	U.S. Military	
42	No	42	uintah	Uintah	

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Domains

Domain Name: plss_meridian

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
43	No	43	umiat	Umiat	
44	No	44	ute	Ute	
45	No	45	washington	Washington	
46	No	46	west of the great miami	West of the Great Miami	
47	No	47	willamette	Willamette	
48	No	48	wind river	Wind River	

Domain Name: ponding_duration_class

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	very brief	Very brief (4 to 48 hours)	4 hours to 48 hours
2	No	2	brief	Brief (2 to 7 days)	2 days to 7 days
3	No	3	long	Long (7 to 30 days)	7 days to 30 days
4	No	4	very long	Very long (more than 30 days)	More than 30 days

Domain Name: ponding_frequency_class

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	none	None	No reasonable possibility of ponding, near 0 percent chance on ponding in any year.
2	No	2	rare	Rare	Ponding unlikely but possible under unusual weather conditions; from nearly 0 to 5 percent chance of ponding in any year, or nearly 0 to 5 times in 100 years.
3	No	3	occasional	Occasional	Ponding is expected infrequently under usual weather conditions; 5 to 50 percent chance of ponding in any year, or 5 to 50 times in 100 years.
4	Yes	5	common	Common	
5	No	4	frequent	Frequent	Ponding is likely to occur under usual weather conditions; more than 50 percent chance in any year, or more than 50 times in 100 years.

Domain Name: pore_continuity_vertical

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	2	low	Low	<1 cm vertical distance
2	No	3	moderate	Moderate	1 to <10 cm vertical distance.
3	No	1	high	High	=>10 cm vertical distance.

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Domain Name: pore_quantity_class

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	few	Few (less than 1)	<i>Less than 1 per unit area.</i>
2	No	2	common	Common (1 to 4)	<i>1 to 4 per unit area.</i>
3	No	3	many	Many (5 or more)	<i>5 or more per unit area.</i>

Domain Name: pore_root_size

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	Yes	12	micro	Micro	
2	Yes	13	micro and fine	Micro and fine	
3	Yes	14	micro to medium	Micro to medium	
4	No	9	very fine	Very fine	<i><1 mm in diameter.</i>
5	Yes	2	very fine and fine	Very fine and fine	<i><2 mm in diameter</i>
6	Yes	10	very fine to medium	Very fine to medium	<i><5 mm in diameter</i>
7	Yes	11	very fine to coarse	Very fine to coarse	<i><10 mm in diameter</i>
8	No	1	fine	Fine	<i>1 to <2 mm in diameter.</i>
9	Yes	3	fine and medium	Fine and medium	<i>1 to <5 mm in diameter</i>
10	Yes	4	fine to coarse	Fine to coarse	<i>1 to <10 mm in diameter</i>
11	No	5	medium	Medium	<i>2 to <5 mm in diameter.</i>
12	Yes	6	medium and coarse	Medium and coarse	<i>2 to <10 mm in diameter</i>
13	No	7	coarse	Coarse	<i>5 to <10 mm in diameter.</i>
14	No	8	very coarse	Very coarse	<i>=>10 mm in diameter.</i>

Domain Name: pore_shape

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	Yes	8	constricted tubular	Constricted tubular	
2	Yes	5	continuous tubular	Continuous tubular	
3	No	7	dendritic tubular	Dendritic tubular	<i>Cylindrical, elongated, branching voids (e.g. empty root channels).</i>
4	Yes	6	discontinuous tubular	Discontinuous tubular	
5	Yes	1	filled with coarse material	Filled with coarse material	
6	No	3	interstitial	Interstitial	<i>Primary packing voids between soil particles (e.g. voids between sand grains and rock fragments).</i>
7	Yes	4	interstitial and tubular	Interstitial and tubular	
8	No	12	irregular	Irregular	<i>Non-connected cavities or chambers of various shapes (e.g. vughs).</i>
9	Yes	13	total porosity	Total porosity	

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Domains

Domain Name: pore_shape

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
10	No	9	tubular	Tubular	<i>Cylindrical, elongated voids (e.g. worm tunnels).</i>
11	No	10	vesicular	Vesicular	<i>Ovoid to spherical shaped voids (e.g. solidified gaseous bubbles concentrated just below a crust).</i>
12	Yes	11	vesicular and tubular	Vesicular and tubular	
13	Yes	2	void between rock fragments	Void between rock fragments	

Domain Name: potential_frost_action

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	none	None	
2	No	2	low	Low	
3	No	3	moderate	Moderate	
4	No	4	high	High	

Domain Name: product_type

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	4	interim report	Interim Report	
2	No	6	soil attribute/spatial on cd-rom	Soil Attribute/Spatial on CD-ROM	
3	No	5	soil survey report on cd-rom	Soil Survey Report on CD-ROM	
4	No	2	three-ring bound manuscript	Three-ring Bound Manuscript	
5	No	1	traditional bound manuscript	Traditional Bound Manuscript	
6	No	3	web publication	Web Publication	<i>Manuscript and maps assembled in PDF format and posted on the Soil Data Mart.</i>

Domain Name: project_text_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	project plan	Project Plan	<i>Text entry that includes text of the full project plan.</i>
2	No	2	edit notes	Edit notes	<i>Text entries that describe what changes were made to the data mapunit object, exclusive of the component object, and why those changes were made.</i>
3	No	3	miscellaneous notes	Miscellaneous notes	<i>Text entries not related to any of the other choices.</i>

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Domain Name: property_data_type

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	character	Character	
2	No	2	numeric	Numeric	

Domain Name: property_modality

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	representative value	Representative Value	
2	No	2	high, low	High, Low	
3	No	3	high, low, representative value	High, Low, Representative Value	

Domain Name: pvsf_continuity

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	Yes	1	continuous	Continuous	<i>Covers entire surface of ped or void.</i>
2	Yes	2	discontinuous	Discontinuous	<i>Covers a portion of the surface.</i>
3	Yes	3	patchy	Patchy	<i>Covers isolated patches of the surface of ped or void.</i>

Domain Name: pvsf_distinctness

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	2	faint	Faint	<i>Visible with magnification only (10X hand lens); little contrast between materials.</i>
2	No	1	distinct	Distinct	<i>Visible without magnification; significant contrast between materials.</i>
3	No	3	prominent	Prominent	<i>Markedly visible without magnification; sharp contrast between materials.</i>
4	Yes	4	thin	Thin	
5	Yes	5	faint thin	Faint thin	
6	Yes	6	distinct thin	Distinct thin	
7	Yes	7	prominent thin	Prominent thin	
8	Yes	8	thick	Thick	
9	Yes	9	distinct thick	Distinct thick	
10	Yes	10	prominent thick	Prominent thick	
11	Yes	11	very thick	Very thick	
12	Yes	12	prominent very thick	Prominent very thick	

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Domains

Domain Name: pvsf_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	Yes	2	black stains	Black stains	
2	No	8	carbonate coats	Carbonate coats	
3	No	4	clay bridges	Clay bridges	
4	No	15	clay films	Clay films	
5	Yes	16	coats	Coats	
6	No	5	gibbsite coats	Gibbsite coats	
7	No	21	gypsum coats	Gypsum coats	
8	Yes	6	iron stains	Iron stains	
9	Yes	9	manganese or iron-manganese stains	Manganese or iron-manganese stains	
10	Yes	12	nonintersecting slickensides	Nonintersecting slickensides	
11	No	10	organic stains	Organic stains	
12	No	19	organoargillans	Organoargillans	
13	Yes	17	oxide coats	Oxide coats	
14	No	11	pressure faces	Pressure faces	
15	No	18	sand coats	Sand coats	
16	No	3	silica coats	Silica coats	
17	No	13	silt coats	Silt coats	
18	No	14	skeletans	Skeletans	
19	Yes	1	skeletans over cutans	Skeletans over cutans	
20	No	20	slickensides (geogenic)	Slickensides (geogenic)	<i>Vertical/oblique, roughly planar shear face resulting from external stress (e.g. faults, mass movement blocks); (e.g. grooves, striations).</i>
21	No	7	slickensides (pedogenic)	Slickensides (pedogenic)	<i>Shrink-swell shear features (e.g. grooves, striations, glossy surfaces) on pedo-structure faces; (e.g. wedges, bowls).</i>

Domain Name: pvsf_location

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	between sand grains	Between sand grains	
2	Yes	20	in root channels and/or pores	In root channels and/or pores	
3	No	16	on all faces of peds	On all faces of peds	
4	No	24	on bedrock	On bedrock	
5	No	6	on bottom faces of peds	On bottom faces of peds	
6	No	18	on bottom of rock fragments	On bottom surfaces of rock fragments	
7	Yes	7	on bottoms of plates	On bottoms of plates	

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Domain Name: pvsf_location

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
8	No	9	on concretions	On concretions	
9	Yes	10	on faces of peds	On faces of peds	
10	Yes	19	on faces of peds and in pores	On faces of peds and in pores	
11	Yes	4	on horizontal faces of peds	On horizontal faces of peds	
12	Yes	21	on lower surfaces of peds or rocks	On lower surfaces of peds or rocks	
13	No	8	on nodules	On nodules	
14	No	11	on rock fragments	On rock fragments	
15	Yes	12	on sand and gravel	On sand and gravel	
16	No	23	on slickensides	On slickensides	
17	No	3	on surfaces along pores	On surfaces along pores	
18	No	5	on surfaces along root channels	On surfaces along root channels	
19	No	14	on top faces of peds	On top faces of peds	
20	No	17	on tops of rock fragments	On top surfaces of rock fragments	
21	No	2	on tops of soil columns	On tops of soil columns	
22	Yes	22	on upper surfaces of peds or rocks	On upper surfaces of peds or rocks	
23	No	15	on vertical faces of peds	On vertical faces of peds	
24	Yes	13	throughout	Throughout	

Domain Name: qc_qa_status

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	level 1	Level 1	<i>Site, Horizon, and lab data reviewed.</i>
2	No	2	level 2	Level 2	<i>Site and Horizon data reviewed. Lab data is present but not reviewed.</i>
3	No	3	level 3	Level 3	<i>Site and Horizon data reviewed. Lab data not present.</i>
4	No	4	not reviewed	Not reviewed	<i>Data has not been reviewed.</i>

Domain Name: quadrat_shape

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	circular	Circular	

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Domain Name: quadrat_shape

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
2	No	2	square	Square	
3	No	3	rectangular	Rectangular	

Domain Name: range_trend

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	towards	Towards	<i>Trending towards the desired plant community.</i>
2	No	2	away	Away	<i>Trending away from the desired plant community.</i>
3	No	3	not apparent	Not apparent	<i>Trend is not apparent.</i>

Domain Name: rangeland_use_history

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	none or slightly grazed	None or slightly grazed	
2	No	2	properly grazed	Properly grazed	
3	No	3	overgrazed	Overgrazed	
4	No	4	harvested for hay	Harvested for hay	
5	No	5	unknown	Unknown	

Domain Name: reaction_to_alpha_dipyridyl

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	2	negative	Negative reaction	<i>Soil specimen shows negative reaction -- indicating that soil reducing conditions were not present at the time of test.</i>
2	No	1	positive	Positive reaction	<i>Soil specimen shows positive reaction-- indicating that soil reducing conditions were present at the time of test.</i>

Domain Name: redox_feat_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	Yes	1	clay bodies	Clay bodies	
2	No	37	clay depletions	Clay depletions	
3	Yes	10	dark concretions	Dark concretions	
4	Yes	11	dark nodules	Dark nodules	

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Domain Name: redox_feat_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
5	No	22	ferriargillans	Ferriargillans	
6	Yes	12	gibbsite concretions	Gibbsite concretions	
7	Yes	13	gibbsite nodules	Gibbsite nodules	
8	Yes	16	iron concretions	Iron concretions	
9	No	38	iron depletions	Iron depletions	
10	No	28	iron-manganese concretions	Iron-manganese concretions	
11	No	27	iron-manganese masses	Masses of iron-manganese accumulation	
12	No	39	iron-manganese nodules	Iron-manganese nodules	
13	No	17	ironstone nodules	Ironstone nodules	
14	No	44	jarosite masses	Masses of jarosite	
15	No	45	jarosite nodules	Jarosite nodules	
16	Yes	29	magnetic shot	Magnetic shot	
17	No	4	manganese coatings	Manganese coatings	
18	Yes	40	manganese concretions	Manganese concretions	
19	No	42	manganese masses	Masses of manganese accumulation	
20	Yes	41	manganese nodules	Manganese nodules	
21	Yes	9	masses of dark accumulation	Masses of dark accumulation	
22	No	15	masses of oxidized iron	Masses of oxidized iron (Fe+3) accumulation	
23	No	20	masses of reduced iron	Masses of reduced iron (Fe+2) accumulation	
24	Yes	26	nonmagnetic shot	Nonmagnetic shot	
25	Yes	43	oxide masses	Masses of oxide accumulation	
26	No	14	plinthite nodules	Plinthite nodules	
27	No	21	reduced matrix	Reduced matrix	

Domain Name: reference_yield_rank

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	1	1	<i>Reference quadrat 1 is located in a low-yielding area which represents the low-yielding situations commonly encountered on the site (avoid bare or nearly bare quadrats).</i>
2	No	2	2	2	<i>Reference quadrat 2 is located in an area which represents the midpoint between Reference 1 and Reference 3.</i>

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Domains

Domain Name: reference_yield_rank

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
3	No	3	3	3	Reference quadrat 3 is located in an area which represents the midpoint between Reference 1 and Reference 5.
4	No	4	4	4	Reference quadrat 4 is located in an area which represents the midpoint between Reference 3 and Reference 5.
5	No	5	5	5	Reference quadrat 5 is located in a high-yielding area which represents the high-yielding situations commonly encountered on the site, excluding unusually dense patches of vegetation which would have a rare chance of being sampled.

Domain Name: relative_exposure_uom

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	cm	centimeter	
2	No	2	m	meter	

Domain Name: report_format

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	html	html	
2	No	2	txt	txt	
3	No	3	xml	xml	

Domain Name: reproduction_abundance_class

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	none	None	No reproduction occurring.
2	No	2	light	Light	An occasional sprout or seedling. More than 20 feet apart.
3	No	3	medium	Medium	Sprouts or seedlings 6 to 20 feet apart.
4	No	4	heavy	Heavy	Sprouts or seedlings 5 feet or less apart.

Domain Name: reproduction_source

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	coppice	Coppice	Regeneration by sprouting from roots or suckers of a previous tree that was cut or otherwise removed.

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Domains

Domain Name: reproduction_source

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
2	No	2	direct seeded	Direct seeded	<i>Regeneration is the result of seeds being placed in the soil by human hands or mechanical means.</i>
3	No	3	planted	Planted	<i>Regeneration by planting of seedlings or saplings.</i>
4	No	4	naturally seeded	Naturally seeded	<i>Regeneration is the result of seeds being produced by nearby plants and seeds falling in place, or moved by wind or animals.</i>

Domain Name: resource_retention_class

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	class 1	Class 1	<i>Interconnected persistent plant cover or dense bunchgrasses and surrounding round interpatch areas <30cm.</i>
2	No	2	class 2	Class 2	<i>Persistent plants interconnected and surrounding round/oval interpatch areas >30 cm.</i>
3	No	3	class 3	Class 3	<i>Persistent plant patches fragmented by elongated interpatch areas that are bounded in the plot.</i>
4	No	4	class 4	Class 4	<i>Persistent plant patches fragmented by elongated interpatch areas that cross through the plot.</i>
5	No	5	class 5	Class 5	<i>Interpatch areas interconnected and crossing the plot in several directions; isolated persistent plant patches.</i>
6	No	6	class 6	Class 6	<i>Interpatch areas interconnected; scattered or no persistent plants.</i>

Domain Name: restriction_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	abrupt textural change	Abrupt textural change	<i>This term is NOT the same as the identically named soil characteristic defined in Soil Taxonomy. It is characterized by an increase of 20 percent or more clay content (absolute) within a vertical distance of 7.5 cm or less. The increase in clay content can occur anywhere in the soil profile. It is root restrictive.</i>
2	No	19	bedrock, densic	Densic bedrock	<i>This is composed of non-cemented material that is commonly or locally referred to as "bedrock". It meets the criteria of "densic materials" as defined in Soil Taxonomy.</i>
3	No	10	bedrock, lithic	Lithic bedrock	<i>Material underlying a Lithic Contact as defined in Soil Taxonomy.</i> <i>The material is virtually continuous within the limits of a pedon. Cracks that can be penetrated by roots are 10 cm or more apart. When moist, hand digging with a spade is impractical although the material may be chipped or scratched. Rupture resistance class is at least strongly cemented. Commonly, the material is indurated.</i>
4	No	13	bedrock, paralithic	Paralithic bedrock	<i>Material underlying a Paralithic Contact as defined in Soil Taxonomy.</i> <i>The material is virtually continuous within the limits of a pedon. Cracks that can be penetrated by roots are 10 cm or more apart. Rupture resistance is extremely weakly cemented to moderately cemented. Commonly, the material is partially weathered bedrock or weakly consolidated bedrock such as sandstone, siltstone or shale.</i>

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Domains

Domain Name: restriction_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
5	No	20	cemented horizon	Cemented horizon	<i>Cemented earthy material that does not meet the criteria for any other specifically defined types. This material does not slake in water.</i>
6	No	3	densic material	Densic material	<i>Material underlying a densic contact as defined in Soil Taxonomy.</i> <i>The material is virtually continuous within the limits of a pedon. Cracks that can be penetrated by roots are 10 cm or more apart. The material is relatively unaltered and has a noncemented rupture resistance class. Commonly, the material is earthy material such as till, volcanic mudflows, and mechanically compacted materials, but noncemented rocks can be densic materials if they are dense or resistance enough to keep roots from entering, except in cracks.</i>
7	No	4	duripan	Duripan	<i>An artificial, root-limiting layer beneath the soil surface consisting of nearly continuous, human-manufactured materials whose purpose is to form an impervious barrier. The materials used to make the layer impervious include geotextile liners, asphalt, concrete, rubber, and plastic.</i>
8	No	6	fragipan	Fragipan	
9	No	21	manufactured layer	Manufactured layer	
10	No	11	natric	Natric	
11	No	12	ortstein	Ortstein	<i>1) The same as "strongly contrasting particle-size classes" described in the Keys to Soil Taxonomy except that the thickness requirement of 12.5 cm or more for each of the contrasting particle-size classes is waived. The term is applied to the entire soil profile not just the particle-size control section. In the context of how it is to be used for identifying a kind of restriction, it is root restrictive.</i> <i>2) Stratified soil textures that differ significantly enough as to restrict the movement of water and air through the soil, or that provide an unfavorable root environment. It is in all cases root restrictive.</i>
12	No	8	permafrost	Permafrost	
13	No	2	petrocalcic	Petrocalcic	
14	No	5	petroferric	Petroferric	
15	No	7	petrogypsic	Petrogypsic	
16	No	14	placic	Placic	
17	No	9	plinthite	Plinthite	
18	No	15	salic	Salic	
19	No	16	strongly contrasting textural stratification	Strongly contrasting textural stratification	
20	No	17	sulfuric	Sulfuric	
21	Yes	18	undefined	Undefined	

Domain Name: rhi_annual_production

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	none to slight	None to slight	<i>Exceeds 80% of potential production.</i>
2	No	2	slight to moderate	Slight to moderate	<i>60 to 80% of potential production</i>
3	No	3	moderate	Moderate	<i>40 to 60% of potential production.</i>

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Domains

Domain Name: rhi_annual_production

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
4	No	4	moderate to extreme	Moderate to extreme	<i>20 to 40% of potential production.</i>
5	No	5	extreme to total	Extreme to total	<i>Less than 20% of potential production.</i>

Domain Name: rhi_bare_ground

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	none to slight	None to slight	<i>Amount and size of bare areas nearly totally match that expected for the site.</i>
2	No	2	slight to moderate	Slight to moderate	<i>Slightly to moderately higher than expected for the site. Bare areas are small and rarely connected.</i>
3	No	3	moderate	Moderate	<i>Moderately higher than expected for the site. Bare areas are of moderate size and sporadically connected.</i>
4	No	4	moderate to extreme	Moderate to extreme	<i>Moderately to much higher than expected for the site. Bare areas are large and occasionally connected.</i>
5	No	5	extreme to total	Extreme to total	<i>Much higher than expected for the site. Bare areas are large and generally connected.</i>

Domain Name: rhi_compaction_layer

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	none to slight	None to slight	<i>None to minimal; not restrictive to water movement and root penetration.</i>
2	No	2	slight to moderate	Slight to moderate	<i>Rarely present or is thin and weakly restrictive to water movement and root penetration.</i>
3	No	3	moderate	Moderate	<i>Moderately wide-spread; moderately restricts water movement and root penetration.</i>
4	No	4	moderate to extreme	Moderate to extreme	<i>Widespread; greatly restricts water movement and root penetration.</i>
5	No	5	extreme to total	Extreme to total	<i>Extensive; severely restricts water movement and root penetration.</i>

Domain Name: rhi_erosion_resistance

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	none to slight	None to slight	<i>Matches that expected for the site. Surface soil is stabilized by organic matter decomposition products and/or a biological crust.</i>
2	No	2	slight to moderate	Slight to moderate	<i>Some reduction in soil surface stability in plant interspaces or slight reduction throughout the site. Stabilizing agents reduced below expected.</i>
3	No	3	moderate	Moderate	<i>Significantly reduced in at least half of the plant canopy interspaces, or moderately reduced throughout the site.</i>
4	No	4	moderate to extreme	Moderate to extreme	<i>Significantly reduced in most plant canopy interspaces and moderately reduced beneath plant canopies. Stabilizing agents present only in isolated patches.</i>
5	No	5	extreme to total	Extreme to total	<i>Extremely reduced throughout the site. Biological stabilization agents including organic matter and biological crusts virtually absent.</i>

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Domain Name: rhi_erosion_resistance

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
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Domain Name: rhi_functional_struct_groups

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	none to slight	None to slight	<i>F/S groups and number of species in each group closely match that expected for the site.</i>
2	No	2	slight to moderate	Slight to moderate	<i>Number of F/S groups slightly reduced; and/or relative dominance of F/S groups has been modified from that expected for the site; and/or number of species within F/S groups slightly reduced.</i>
3	No	3	moderate	Moderate	<i>Number of F/S groups moderately reduced; and/or one or more sub-dominant F/S groups replaced by F/S groups not expected for the site; and/or number of species within F/S groups moderately reduced.</i>
4	No	4	moderate to extreme	Moderate to extreme	<i>Number of F/S groups reduced; and/or one dominant group and/or one or more sub-dominant groups replaced by F/S groups not expected for the site; and/or number of species within F/S groups significantly reduced.</i>
5	No	5	extreme to total	Extreme to total	<i>Number of F/S groups greatly reduced; and/or relative dominance of F/S groups has been dramatically altered; and/or number of species within F/S groups dramatically reduced.</i>

Domain Name: rhi_gullies

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	none to slight	None to slight	<i>Drainages are represented as natural stable channels; no signs of erosion with vegetation common.</i>
2	No	2	slight to moderate	Slight to moderate	<i>Uncommon with vegetation stabilizing the bed and slopes; no signs of active headcuts, nickpoints, or bed erosion.</i>
3	No	3	moderate	Moderate	<i>Moderate in number with indications of active erosion; vegetation is intermittent on slopes and/or bed. Occasional headcuts may be present.</i>
4	No	4	moderate to extreme	Moderate to extreme	<i>Moderate to common with indications of active erosion; vegetation is intermittent on slopes and/or bed. Headcuts are active; down-cutting is not apparent.</i>
5	No	5	extreme to total	Extreme to total	<i>Common with indications of active erosion and down-cutting; vegetation is infrequent on slopes and/or bed. Nickpoints and headcuts are numerous and active.</i>

Domain Name: rhi_infiltration_runoff

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	none to slight	None to slight	<i>Infiltration and run-off are equal to that expected for the site. Plant cover (distribution and amount) adequate for site protection.</i>
2	No	2	slight to moderate	Slight to moderate	<i>Infiltration is slightly to moderately affected by minor changes in plant community composition and/or distribution. Plant cover changes have only a minor effect on infiltration.</i>

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Domains

Domain Name: rhi_infiltration_runoff

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
3	No	3	moderate	Moderate	<i>Infiltration is moderately reduced due to adverse changes in plant community composition and/or distribution. Plant cover changes negatively affect infiltration.</i>
4	No	4	moderate to extreme	Moderate to extreme	<i>Infiltration is greatly decreased due to adverse changes in plant community composition and/or distribution. Detrimental plant cover changes have occurred.</i>
5	No	5	extreme to total	Extreme to total	<i>Infiltration is severely decreased due to adverse changes in plant community composition and/or distribution. Adverse plant cover changes have occurred.</i>

Domain Name: rhi_invasive_plants

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	none to slight	None to slight	<i>Rarely present on the site.</i>
2	No	2	slight to moderate	Slight to moderate	<i>Present primarily on disturbed areas of the site.</i>
3	No	3	moderate	Moderate	<i>Scattered through-out the site.</i>
4	No	4	moderate to extreme	Moderate to extreme	<i>Common through-out the site.</i>
5	No	5	extreme to total	Extreme to total	<i>Dominate the site.</i>

Domain Name: rhi_litter_amount

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	none to slight	None to slight	<i>Amount is what is expected for the site potential and weather.</i>
2	No	2	slight to moderate	Slight to moderate	<i>Slightly more or less relative to site potential and weather.</i>
3	No	3	moderate	Moderate	<i>Moderately more or less relative to site potential and weather.</i>
4	No	4	moderate to extreme	Moderate to extreme	<i>Greatly reduced or increased relative to site potential and weather.</i>
5	No	5	extreme to total	Extreme to total	<i>Largely absent or dominant relative to site potential and weather.</i>

Domain Name: rhi_litter_movement

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	none to slight	None to slight	<i>Matches that expected for the site with a fairly uniform distribution of litter.</i>
2	No	2	slight to moderate	Slight to moderate	<i>Slightly to moderately more than expected for the site with only small size classes of litter being displaced.</i>
3	No	3	moderate	Moderate	<i>Moderate to small size classes of litter have been displaced. Moderate movement of smaller size classes in scattered concentrations around obstructions and in depressions.</i>
4	No	4	moderate to extreme	Moderate to extreme	<i>Moderate to extreme; loosely concentrated near obstructions.</i>
5	No	5	extreme to total	Extreme to total	<i>Extreme; concentrated around obstructions. Most size classes of litter have been displaced.</i>

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Domains

Domain Name: rhi_pedestals_terracettes

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	none to slight	None to slight	<i>Current or past evidence of pedestalled plants or rocks as expected for the site. Terracettes absent or uncommon.</i>
2	No	2	slight to moderate	Slight to moderate	<i>Active pedestalling or terracette formation is rare; some evidence of past pedestal formation, especially in water-flow patterns and/or on exposed slopes.</i>
3	No	3	moderate	Moderate	<i>Slight active pedestalling; most pedestals are in flow paths and interspaces and/or on exposed slopes. Occasional terracettes present.</i>
4	No	4	moderate to extreme	Moderate to extreme	<i>Moderate active pedestalling; terracettes common. Some rocks and plants are pedestalled with occasional exposed roots.</i>
5	No	5	extreme to total	Extreme to total	<i>Abundant active pedestalling and numerous terracettes. Many rocks and plants are pedestalled; exposed plant roots are common.</i>

Domain Name: rhi_plant_mortality

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	none to slight	None to slight	<i>Plant mortality and decadence matches that expected for the site.</i>
2	No	2	slight to moderate	Slight to moderate	<i>Slight plant mortality and/or decadence.</i>
3	No	3	moderate	Moderate	<i>Some dead and/or decadent plants are present.</i>
4	No	4	moderate to extreme	Moderate to extreme	<i>Dead and/or decadent plants are somewhat common.</i>
5	No	5	extreme to total	Extreme to total	<i>Dead and/or decadent plants are common.</i>

Domain Name: rhi_reproductive_capability

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	none to slight	None to slight	<i>Capability to produce seed or vegetative tillers is not limited relative to recent climatic conditions.</i>
2	No	2	slight to moderate	Slight to moderate	<i>Capability to produce seed or vegetative tillers is only slightly limited relative to recent climatic conditions.</i>
3	No	3	moderate	Moderate	<i>Capability to produce seed or vegetative tillers is somewhat limited relative to recent climatic conditions.</i>
4	No	4	moderate to extreme	Moderate to extreme	<i>Capability to produce seed or vegetative tillers is greatly reduced relative to recent climatic conditions.</i>
5	No	5	extreme to total	Extreme to total	<i>Capability to produce seed or vegetative tillers is severely reduced relative to recent climatic conditions.</i>

Domain Name: rhi_rills

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
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NASIS 7.1.4

Domains

Domain Name: rhi_rills

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	none to slight	None to slight	<i>Current or past formation or rills as expected for the site.</i>
2	No	2	slight to moderate	Slight to moderate	<i>No recent formation of rills; old rills have blunted or muted features.</i>
3	No	3	moderate	Moderate	<i>Active rill formation is slight at infrequent intervals, mostly in exposed areas.</i>
4	No	4	moderate to extreme	Moderate to extreme	<i>Rill formation is moderately active and well defined throughout most of the area.</i>
5	No	5	extreme to total	Extreme to total	<i>Rill formation is severe and well defined throughout most of the area.</i>

Domain Name: rhi_soil_surf_degradation

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	none to slight	None to slight	<i>Soil surface horizon intact. Soil structure and organic matter content match that expected for the site.</i>
2	No	2	slight to moderate	Slight to moderate	<i>Some soil loss has occurred and/or soil structure shows signs of degradation, especially in plant interspaces.</i>
3	No	3	moderate	Moderate	<i>Moderate soil loss or degradation in plant interspaces with some degradation beneath plant canopies. Soil structure is degraded and soil organic matter content is significantly reduced.</i>
4	No	4	moderate to extreme	Moderate to extreme	<i>Soil loss or degradation severe throughout site. Minimal differences in soil organic matter content and structure of surface and subsurface layers.</i>
5	No	5	extreme to total	Extreme to total	<i>Soil surface horizon absent. Soil structure near surface is similar to or more degraded than that in subsurface horizons. No distinguishable difference in subsurface organic matter content.</i>

Domain Name: rhi_summary

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	none to slight	None to slight	
2	No	2	slight to moderate	Slight to moderate	
3	No	3	moderate	Moderate	
4	No	4	moderate to extreme	Moderate to extreme	
5	No	5	extreme to total	Extreme to total	

Domain Name: rhi_water_flow_patterns

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	none to slight	None to slight	<i>Matches what is expected for the site; minimal evidence of past or current soil deposition or erosion.</i>
2	No	2	slight to moderate	Slight to moderate	<i>Matches what is expected for the site; some evidence of minor erosion. Flow patterns are stable and short.</i>

NASIS 7.1.4 Domains

Domain Name: rhi_water_flow_patterns

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
3	No	3	moderate	Moderate	<i>Nearly matches what is expected for the site; erosion is minor with some instability and deposition.</i>
4	No	4	moderate to extreme	Moderate to extreme	<i>More numerous than expected; deposition and cut areas common; occasionally connected.</i>
5	No	5	extreme to total	Extreme to total	<i>Extensive and numerous; unstable with active erosion; usually connected.</i>

Domain Name: rhi_wind_scour_areas

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	none to slight	None to slight	<i>Matches what is expected for the site.</i>
2	No	2	slight to moderate	Slight to moderate	<i>Infrequent and few.</i>
3	No	3	moderate	Moderate	<i>Occasionally present.</i>
4	No	4	moderate to extreme	Moderate to extreme	<i>Commonly present</i>
5	No	5	extreme to total	Extreme to total	<i>Extensive</i>

Domain Name: rill_erosibility_factor

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	to be assigned	To Be Assigned	

Domain Name: ring_configuraton

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	2	double ring	Double ring	
2	No	1	single ring	Single ring	

Domain Name: root_quantity_class

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	few	Few (less than 1)	<i>Less than 1 per unit area.</i>
2	No	4	very few	Very few (less than 0.2)	<i>Less than 0.2 per unit area.</i>
3	No	5	moderately few	Moderately few (0.2 to less than 1)	<i>Equal to or more than 0.2 to less than 1.0 per unit area.</i>
4	No	2	common	Common (1 to 4)	<i>1 to 4 per unit area.</i>
5	No	3	many	Many (5 or more)	<i>5 or more per unit area.</i>

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Domain Name: roots_location

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	4	around fragments	Matted around rock fragments	
2	No	3	between peds	Between peds	
3	No	1	in cracks	In cracks	
4	No	5	throughout	Throughout	
5	No	2	top of horizon	In mat at top of horizon	

Domain Name: rosgen_stream_type

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	A	A	<i>Steep, entrenched, cascading, step-pool streams. High energy/debris transport associated with depositional soils. Very stable if bedrock or boulder-dominated channel.</i>
2	No	2	B	B	<i>Moderately entrenched, moderate gradient, riffle dominated channel with infrequently spaced pools. Very stable plan and profile. Stable banks.</i>
3	No	3	C	C	<i>Low gradient, meandering, point bar, riffle/pool, alluvial channels with broad, well-defined flood plains.</i>
4	No	4	D	D	<i>Braided channel with longitudinal and transverse bars. Very wide channel with eroding banks.</i>
5	No	5	DA	DA	<i>Anastomizing (multiple channels) narrow and deep with extensive, well-vegetated flood plains and associated wetlands. Very gentle relief with highly variable sinuositities and width-to-depth ratios. Very stable streambanks.</i>
6	No	6	E	E	<i>Low gradient, meandering riffle/pool stream with low width-to-depth ratio and little deposition. Very efficient and stable. High meander width ratio.</i>
7	No	7	F	F	<i>Entrenched meandering riffle/pool channel on low gradients with high width-to-depth ratio.</i>
8	No	8	G	G	<i>Entrenched gully step-pool and low width-to-depth ratio on moderate gradients.</i>
9	No	9	Aa+	Aa+	<i>Very steep, deeply entrenched, debris transport, torrent streams.</i>

Domain Name: rule_design

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	3	class	class	<i>The rule is designed to result in the soil being interpreted as a member of a discrete class. Reportable features are those with fuzzy values closest to 1. The fuzzy values of child-rules will be sorted in descending order.</i>
2	No	1	limitation	limitation	<i>The rule is designed in a manner such that the higher the fuzzy value, the more limited the soil is for the stated use. The fuzzy values, of child-rules, closest to 1 represent the most limiting features and will be sorted in descending order.</i>

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Domains

Domain Name: rule_design

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
3	No	2	suitability	suitability	<i>The rule is designed in a manner such that the higher the fuzzy value, the better suited the soil is for the stated use. The fuzzy values, of child-rules, closest to 0 represent the most limiting features and will be sorted in ascending order.</i>

Domain Name: runoff

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	Yes	7	ponded	Ponded	
2	No	4	negligible	Negligible	
3	No	6	very low	Very low	
4	No	2	low	Low	
5	No	3	medium	Medium	
6	No	1	high	High	
7	No	5	very high	Very high	

Domain Name: rupture_resist_block_cem

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	noncemented	Noncemented	<i>Stress applied ranges from 0 to 8 newtons. (SSM)</i>
2	No	6	extremely weakly	Extremely weakly cemented	<i>Stress applied ranges from 8 to 20 newtons. (SSM)</i>
3	No	7	very weakly	Very weakly cemented	<i>Stress applied ranges from 20 to 40 newtons. (SSM)</i>
4	No	9	weakly	Weakly cemented	<i>Stress applied ranges from 40 to 80 newtons. (SSM)</i>
5	Yes	5	weakly cemented	Weakly cemented*	<i>Stress applied ranges from 8 to 80 newtons. (SSM)</i>
6	No	10	moderately	Moderately cemented	<i>Stress applied ranges from 80 to 160 newtons. (SSM)</i>
7	Yes	3	moderately cemented	Moderately cemented*	<i>Stress applied ranges from 80 to 800 newtons. (SSM)</i>
8	No	11	strongly	Strongly cemented	<i>Stress applied ranges from 160 to 800 newtons. (SSM)</i>
9	Yes	4	strongly cemented	Strongly cemented*	<i>Stress applied ranges from 800 newtons to 3 joules. (SSM)</i>
10	No	8	very strongly	Very strongly cemented	<i>Stress applied ranges from 800 newtons to 3 joules. (SSM)</i>
11	No	2	indurated	Indurated	<i>Stress applied is greater than or equal 3 joules. (SSM)</i>
12	Yes	12	extremely strong	Extremely strong	
13	Yes	13	H	hard	
14	Yes	14	S	soft	

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Domains

Domain Name: rupture_resist_block_dry

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	loose	Loose	<i>Aggregated or block-type specimen not obtainable.</i>
2	No	2	soft	Soft	<i>Stress applied ranges from 0 to 8 newtons. (SSM)</i>
3	No	3	slightly hard	Slightly hard	<i>Stress applied ranges from 8 to 20 newtons. (SSM)</i>
4	Yes	11	somewhat hard	Somewhat hard	
5	No	4	moderately hard	Moderately hard	<i>Stress applied ranges from 20 to 40 newtons. (SSM)</i>
6	No	5	hard	Hard	<i>Stress applied ranges from 40 to 80 newtons. (SSM)</i>
7	No	6	very hard	Very hard	<i>Stress applied ranges from 80 to 160 newtons. (SSM)</i>
8	No	7	extremely hard	Extremely hard	<i>Stress applied ranges from 160 to 800 newtons. (SSM)</i>
9	No	8	rigid	Rigid	<i>Stress applied ranges from 800 newtons to 3 joules. (SSM)</i>
10	No	9	very rigid	Very rigid	<i>Stress applied is greater than or equal 3 joules. (SSM)</i>
11	Yes	10	hard when dry	Hard when dry	<i>Stress applied ranges from 20 to 80 newtons. (SSM)</i>

Domain Name: rupture_resist_block_moist

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	loose	Loose	<i>Aggregated or block-type specimen not obtainable.</i>
2	No	2	very friable	Very friable	<i>Stress applied ranges from 0 to 8 newtons. (SSM)</i>
3	No	3	friable	Friable	<i>Stress applied ranges from 8 to 20 newtons. (SSM)</i>
4	Yes	12	slightly firm	Slightly firm	
5	No	4	firm	Firm	<i>Stress applied ranges from 20 to 40 newtons. (SSM)</i>
6	No	5	very firm	Very firm	<i>Stress applied ranges from 40 to 80 newtons. (SSM)</i>
7	No	6	extremely firm	Extremely firm	<i>Stress applied ranges from 80 to 160 newtons. (SSM)</i>
8	Yes	10	extremely firm when moist	Extremely firm when moist	<i>Stress applied ranges from 80 to 800 newtons. (SSM)</i>
9	Yes	11	extremely firm*	Extremely firm*	
10	No	7	slightly rigid	Slightly rigid	<i>Stress applied ranges from 160 to 800 newtons. (SSM)</i>
11	No	8	rigid	Rigid	<i>Stress applied ranges from 800 newtons to 3 joules. (SSM)</i>
12	No	9	very rigid	Very rigid	<i>Stress applied is greater than or equal 3 joules. (SSM)</i>

Domain Name: rupture_resist_cem_agent

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	4	carbonates	Carbonates	
2	Yes	6	carbonates and silica	Carbonates and silica	
3	No	1	gypsum	Gypsum	

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Domain Name: rupture_resist_cem_agent

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
4	No	2	humus	Humus	
5	No	3	iron	Iron	
6	No	5	silica	Silica	

Domain Name: rupture_resist_plate

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	2	extremely weak	Extremely weak	
2	No	7	very weak	Very weak	
3	No	8	weak	Weak	
4	No	3	moderate	Moderate	
5	No	4	moderately strong	Moderately strong	
6	No	5	strong	Strong	
7	No	6	very strong	Very strong	
8	No	1	extremely strong	Extremely strong	

Domain Name: saf_cover_type

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	Arizona cypress	Arizona cypress	
2	No	2	Ashe's juniper/redberry (Pinchot) juniper	Ashe's juniper/redberry (Pinchot) juniper	
3	No	3	aspen (eastern)	aspen (eastern)	
4	No	4	aspen (western)	aspen (western)	
5	Yes	5	aspen/paper birch	aspen/paper birch	
6	No	6	Atlantic white cedar	Atlantic white cedar	
7	No	7	bald cypress	bald cypress	
8	No	8	bald cypress/tupelo	bald cypress/tupelo	
9	No	9	balsam fir	balsam fir	
10	No	10	balsam poplar	balsam poplar	
11	No	11	bear oak	bear oak	
12	Yes	12	beech/southern magnolia	beech/southern magnolia	
13	No	13	beech/sugar maple	beech/sugar maple	
14	No	14	black ash/American elm/red maple	black ash/American elm/red maple	

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Domain Name: saf_cover_type

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
15	Yes	15	black cherry	black cherry	
16	No	16	black cherry/maple	black cherry/maple	
17	No	17	black cottonwood/willow	black cottonwood/willow	
18	No	18	black locust	black locust	
19	No	19	black oak	black oak	
20	No	20	black spruce (eastern)	black spruce (eastern)	
21	No	21	black spruce (western)	black spruce (western)	
22	Yes	22	black spruce/aspen	black spruce/aspen	
23	Yes	23	black spruce/balsam fir	black spruce/balsam fir	
24	No	24	black spruce/paper birch	black spruce/paper birch	
25	No	25	black spruce/tamarack	black spruce/tamarack	
26	Yes	26	black spruce/white spruce (eastern)	black spruce/white spruce (eastern)	
27	No	27	black spruce/white spruce (western)	black spruce/white spruce (western)	
28	No	28	black willow	black willow	
29	No	29	blue oak/digger pine	blue oak/digger pine	
30	No	30	blue spruce	blue spruce	
31	No	31	bristlecone pine	bristlecone pine	
32	No	32	bur oak (eastern)	bur oak (eastern)	
33	No	33	bur oak (western)	bur oak (western)	
34	No	34	cabbage palmetto	cabbage palmetto	
35	Yes	35	cabbage palmetto/slash pine	cabbage palmetto/slash pine	
36	No	36	California black oak	California black oak	
37	No	37	California coast live oak	California coast live oak	
38	No	38	California mixed subalpine	California mixed subalpine	
39	No	39	Canyon live oak	Canyon live oak	
40	No	40	chestnut oak	chestnut oak	
41	No	41	coastal true fir/hemlock	coastal true fir/hemlock	
42	No	42	cottonwood	cottonwood	
43	No	43	cottonwood/willow	cottonwood/willow	
44	No	44	Douglas-fir/tanoak/Pacific madrone	Douglas-fir/tanoak/Pacific madrone	
45	No	45	Douglas-fir/western hemlock	Douglas-fir/western hemlock	
46	No	46	eastern hemlock	eastern hemlock	
47	No	47	eastern redcedar	eastern redcedar	

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Domain Name: saf_cover_type

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
48	Yes	48	eastern redcedar/hardwoods	eastern redcedar/hardwoods	
49	Yes	49	eastern redcedar/pine	eastern redcedar/pine	
50	No	50	eastern redcedar/pine/hardwoods	eastern redcedar/pine/hardwoods	
51	No	51	eastern white pine	eastern white pine	
52	No	52	Engelmann spruce/subalpine fir	Engelmann spruce/subalpine fir	
53	No	53	grand fir	grand fir	
54	No	54	gray birch/red maple	gray birch/red maple	
55	No	55	hawthorn	hawthorn	
56	No	56	hemlock/yellow birch	hemlock/yellow birch	
57	No	57	interior Douglas-fir	interior Douglas-fir	
58	No	58	interior ponderosa pine	interior ponderosa pine	
59	No	59	jack pine	jack pine	
60	Yes	60	jack pine/aspen	jack pine/aspen	
61	Yes	61	jack pine/black spruce	jack pine/black spruce	
62	Yes	62	jack pine/paper birch	jack pine/paper birch	
63	No	63	Jeffrey pine	Jeffrey pine	
64	No	64	knobcone pine	knobcone pine	
65	No	65	limber pine	limber pine	
66	No	66	live oak	live oak	
67	No	67	loblolly pine	loblolly pine	
68	No	68	loblolly pine/hardwood	loblolly pine/hardwood	
69	No	69	loblolly pine/shortleaf pine	loblolly pine/shortleaf pine	
70	No	70	lodgepole pine	lodgepole pine	
71	No	71	longleaf pine	longleaf pine	
72	No	72	longleaf pine/scrub oak	longleaf pine/scrub oak	
73	No	73	longleaf pine/slash pine	longleaf pine/slash pine	
74	No	74	mangrove	mangrove	
75	No	75	mesquite (eastern)	mesquite (eastern)	
76	No	76	mesquite (western)	mesquite (western)	
77	No	77	Mohrs ("shin") oak	Mohrs ("shin") oak	
78	No	78	mountain hemlock	mountain hemlock	
79	No	79	northern pin oak	northern pin oak	
80	No	80	northern red oak	northern red oak	

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Domain Name: saf_cover_type

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
81	Yes	81	northern red oak/basswood/white ash	northern red oak/basswood/white ash	
82	Yes	82	northern red oak/mockernut hickory/sweetgum	northern red oak/mockernut hickory/sweetgum	
83	No	83	northern white-cedar	northern white-cedar	
84	No	84	Oregon white oak	Oregon white oak	
85	No	85	overcup oak/water hickory	overcup oak/water hickory	
86	No	86	Pacific Douglas-fir	Pacific Douglas-fir	
87	No	87	Pacific ponderosa pine	Pacific ponderosa pine	
88	No	88	Pacific ponderosa pine/Douglas-fir	Pacific ponderosa pine/Douglas-fir	
89	No	89	paper birch (eastern)	paper birch (eastern)	
90	No	90	paper birch (western)	paper birch (western)	
91	No	91	paper birch/red spruce/balsam fir	paper birch/red spruce/balsam fir	
92	No	92	pin cherry	pin cherry	
93	No	93	pin oak/sweetgum	pin oak/sweetgum	
94	No	94	pinyon/juniper	pinyon/juniper	
95	No	95	pitch pine	pitch pine	
96	No	96	pond pine	pond pine	
97	No	97	pond cypress	pond cypress	
98	Yes	98	ponderosa pine/larch/Douglas-fir	ponderosa pine/larch/Douglas-fir	
99	No	99	Port Orford cedar	Port Orford cedar	
100	No	100	post oak/blackjack oak	post oak/blackjack oak	
101	No	101	red alder	red alder	
102	No	102	red fir	red fir	
103	No	103	red maple	red maple	
104	No	104	red pine	red pine	
105	No	105	red spruce	red spruce	
106	No	106	red spruce/balsam fir	red spruce/balsam fir	
107	No	107	red spruce/Fraser fir	red spruce/Fraser fir	
108	No	108	red spruce/sugar maple/beech	red spruce/sugar maple/beech	
109	No	109	red spruce/yellow birch	red spruce/yellow birch	
110	No	110	redwood	redwood	
111	No	111	river birch/sycamore	river birch/sycamore	

NASIS 7.1.4 Domains

Domain Name: saf_cover_type

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
112	No	112	Rocky Mountain juniper	Rocky Mountain juniper	
113	No	113	sand pine	sand pine	
114	No	114	sassafras/persimmon	sassafras/persimmon	
115	Yes	115	scarlet oak	scarlet oak	
116	No	116	shortleaf pine	shortleaf pine	
117	No	117	shortleaf pine/oak	shortleaf pine/oak	
118	Yes	118	shortleaf pine/Virginia pine	shortleaf pine/Virginia pine	
119	No	119	Sierra Nevada mixed conifer	Sierra Nevada mixed conifer	
120	No	120	silver maple/American elm	silver maple/American elm	
121	No	121	Sitka pine	Sitka pine	
122	No	122	slash pine	slash pine	
123	No	123	slash pine/hardwood	slash pine/hardwood	
124	Yes	124	slash pine/swamp tupelo	slash pine/swamp tupelo	
125	No	125	south Florida slash pine	south Florida slash pine	
126	No	126	southern redcedar	southern redcedar	
127	No	127	southern scrub oak	southern scrub oak	
128	No	128	sugar maple	sugar maple	
129	No	129	sugar maple/basswood	sugar maple/basswood	
130	No	130	sugar maple/beech/yellow birch	sugar maple/beech/yellow birch	
131	No	131	sugarberry/American elm/green ash	sugarberry/American elm/green ash	
132	No	132	swamp chestnut oak/cherrybark oak	swamp chestnut oak/cherrybark oak	
133	No	133	sweetbay/swamp tupelo/redbay	sweetbay/swamp tupelo/redbay	
134	No	134	sweetgum/willow oak	sweetgum/willow oak	
135	No	135	sweetgum/tuliptree	sweetgum/tuliptree	
136	No	136	sycamore/sweetgum/American elm	sycamore/sweetgum/American elm	
137	No	137	tamarack	tamarack	
138	No	138	tropical hardwoods	tropical hardwoods	
139	No	139	tuliptree	tuliptree	
140	No	140	tuliptree/eastern hemlock	tuliptree/eastern hemlock	
141	No	141	tuliptree/white oak/northern red oak	tuliptree/white oak/northern red oak	
142	No	142	Virginia pine	Virginia pine	

NASIS 7.1.4 Domains

Domain Name: saf_cover_type

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
143	No	143	Virginia pine/oak	Virginia pine/oak	
144	No	144	water tupelo/swamp tupelo	water tupelo/swamp tupelo	
145	No	145	western hemlock	western hemlock	
146	No	146	western hemlock/Sitka spruce	western hemlock/Sitka spruce	
147	No	147	western juniper	western juniper	
148	No	148	western larch	western larch	
149	No	149	western live oak	western live oak	
150	No	150	western redcedar	western redcedar	
151	No	151	western redcedar/western hemlock	western redcedar/western hemlock	
152	No	152	western white pine	western white pine	
153	No	153	white fir	white fir	
154	No	154	white oak	white oak	
155	No	155	white oak/black oak/northern red oak	white oak/black oak/northern red oak	
156	No	156	white pine/chestnut oak	white pine/chestnut oak	
157	No	157	white pine/hemlock	white pine/hemlock	
158	No	158	white pine/northern red oak/red maple	white pine/northern red oak/red maple	
159	No	159	white spruce (eastern)	white spruce (eastern)	
160	No	160	white spruce (western)	white spruce (western)	
161	No	161	white spruce/aspen	white spruce/aspen	
162	Yes	162	white spruce/balsam fir	white spruce/balsam fir	
163	Yes	163	white spruce/balsam fir/aspen	white spruce/balsam fir/aspen	
164	No	164	white spruce/balsam fir/paper birch	white spruce/balsam fir/paper birch	
165	No	165	white spruce/paper birch	white spruce/paper birch	
166	No	166	whitebark pine	whitebark pine	
167	No	167	willow oak/water oak/diamondleaf oak	willow oak/water oak/diamondleaf oak	

Domain Name: salinity_class

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
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NASIS 7.1.4

Domains

Domain Name: salinity_class

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	nonsaline	Nonsaline	<i>Electrical conductivity is < 2 ds/m.</i>
2	No	2	very slightly saline	Very slightly saline	<i>Electrical conductivity is 2 to 4 ds/m.</i>
3	No	3	slightly saline	Slightly saline	<i>Electrical conductivity is 4 to 8 ds/m.</i>
4	No	4	moderately saline	Moderately saline	<i>Electrical conductivity is 8 to 16 ds/m.</i>
5	No	5	strongly saline	Strongly saline	<i>Electrical conductivity is > 16 ds/m.</i>

Domain Name: sample_plot_configuraton

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	6	chain	Chain	
2	No	3	circular	Circular	<i>The plot is laid out in circular configuration.</i>
3	No	5	rectangular	Rectangular	<i>The plot is laid out in a rectangular or square configuration.</i>
4	No	4	rotated cluster	Rotated Cluster	
5	No	2	shifted cluster	Shifted cluster	<i>Reference point (geo-referenced point) = center of cluster != RaCA point; north-south baseline.</i>
6	No	1	standard cluster	Standard cluster	<i>Reference point (geo-referenced point) = center of cluster = RaCA point; north-south baseline.</i>
7	No	7	triangular	Triangular	<i>The plot is arranged in an equilateral triangle shape.</i>

Domain Name: sampling_intensity

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	low	Low	
2	No	2	medium	Medium	
3	No	3	high	High	

Domain Name: sand_total_method

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	hydrometer	Hydrometer	<i>Total Sand determined by SSIR51V1-3.2.1.2.1 Hydrometer Analysis for Routinely Reported Size Fractions (D 422-63 (ASTM, 2008c)) using the hydrometer</i>
2	No	2	sieves	Sieves	<i>Total Sand determined by SSIR51V1-3.2.1.2.1 Hydrometer Analysis for Routinely Reported Size Fractions (D 422-63 (ASTM, 2008c)) using the sieves.</i>

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Domains

Domain Name: sand_very_fine_method

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	270 mesh sieve	270 mesh sieve	Percent of the < 2mm fraction passing the 140 sieve and retained on the 270 sieve. SSIR51V1-3.2.1.2
2	No	2	300 mesh sieve	300 mesh sieve	Percent of the < 2mm fraction passing the 140 sieve and retained on the 300 sieve
3	No	3	hydrometer	Hydrometer	Percent of the < 2mm fraction that is between 0.05 and 0.1 mm as estimated using a hydrometer
4	No	4	hydrometer and sieves	Hydrometer and sieves	Percent of the < 2mm fraction that is between 0.05 and 0.1 mm as estimated using sieves and the hydrometer method

Domain Name: sat_hyd_conduct_method

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	amoozometer	Amoozometer	
2	No	3	double ring	Double ring	
3	No	2	single ring	Single ring	

Domain Name: sat_hyd_conductivity_class

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	very low	Very low	Saturated hydraulic conductivity is <0.01 um/sec.
2	No	2	low	Low	Saturated hydraulic conductivity is 0.01-0.1 um/sec.
3	No	3	moderately low	Moderately low	Saturated hydraulic conductivity is 0.1-1.0 um/sec.
4	No	4	moderately high	Moderately high	Saturated hydraulic conductivity is 1.0-10 um/sec.
5	No	5	high	High	Saturated hydraulic conductivity is 10-100 um/sec.
6	No	6	very high	Very high	Saturated hydraulic conductivity is >=100 um/sec.

Domain Name: season_of_use

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	spring	Spring	
2	No	2	summer	Summer	
3	No	3	fall	Fall	
4	No	4	winter	Winter	
5	No	5	specialized system	Specialized system	A specialized system is in place that regularly alternates the season of use.
6	No	6	not grazed	Not grazed	
7	No	7	unknown	Unknown	

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Domains

Domain Name: seedling_abundance

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	none	None	
2	No	2	some	Some	
3	No	3	abundant	Abundant	

Domain Name: series_status

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	2	established	Established	<i>The series has an 'established' status in the Soil Classification database, meaning it has been correlated in the final correlation or an amendment to a correlation of a soil survey project.</i>
2	No	3	inactive	Inactive	<i>The series has a 'inactive' status in the Soil Classification database, meaning it is no longer used. The concept of such a series has generally been replaced by one or more 'active' soil series.</i>
3	No	1	tentative	Tentative	<i>The series has a 'tentative' status in the Soil Classification database, meaning it has not been correlated in the final correlation or an amendment to a correlation of a soil survey project.</i>

Domain Name: sir_layer_id_number

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	11	11	
2	No	2	12	12	
3	No	3	13	13	
4	No	4	2	2	
5	No	5	3	3	
6	No	6	4	4	
7	No	7	5	5	
8	No	8	6	6	

Domain Name: site_association_text_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	4	correlation notes	Correlation notes	
2	No	3	miscellaneous notes	Miscellaneous notes	
3	No	1	site association, formatted	Site association, formatted	<i>A formatted note written at the time of describing a site, pedon. or horizon. This note may be included into the pedon description report.</i>
4	No	2	site association, unformatted	Site association, unformatted	<i>A free-form note written at the time of describing a site, pedon. or horizon.</i>
5	No	5	windows pedon import issue	Windows Pedon import issue	

NASIS 7.1.4 Domains

Domain Name: site_association_text_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
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Domain Name: site_index_curves

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	2	010	Gevorkiantz 1956a (010)	
2	No	3	011	Carmean, Hahn 1981 (011)	
3	No	4	020	Lloyd 1970a (020)	
4	No	5	030	Schumacher 1926 (030)	
5	Yes	6	031	Cochran 1979a (031)	
6	No	7	032	Dolph 1987 (032)	
7	No	8	035	Cochran 1979a (035)	
8	No	152	037	Mathiasen, Olsen, Edminster 2006 (037)	
9	No	1	05	Hoyer, Herman 1989 (05)	
10	No	11	050	Schumacher 1928 (050)	
11	No	12	055	Dolph 1991 (055)	
12	No	13	060	Herman, Curtis, DeMars 1978 (060)	
13	No	14	070	Lloyd 1971a (070)	
14	No	17	071	Carmean 1978 (071)	
15	No	18	075	Brendemuehl, McComb, Thomson 1961 (075)	
16	No	15	094	Lloyd 1971b (094)	
17	No	16	095	Carmean 1978 (095)	
18	No	19	100	Worthington, Johnson, Staebler, Lloyd 1960 (100)	
19	No	20	105	Harrington, Curtis 1986 (105)	
20	No	21	120	Lloyd 1971a (120)	
21	No	22	121	Carmean 1978 (121)	
22	No	23	130	Cooley 1958, 1962 (130)	
23	No	24	131	Carmean 1978 (131)	
24	No	25	140	Lloyd 1971a (140)	
25	No	26	141	Gregory, Krinard 1965 (141)	
26	No	36	150	Boisen, Newlin 1910 (150)	
27	No	30	151	Boisen, Newlin 1910 (151)	
28	No	31	153	Boisen, Newlin 1910 (153)	

NASIS 7.1.4 Domains

Domain Name: site_index_curves

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
29	No	32	154	Boisen, Newlin 1910 (154)	
30	No	33	155	Boisen, Newlin 1910 (155)	
31	No	34	156	Boisen, Newlin 1910 (156)	
32	No	28	157	Boisen, Newlin 1910 (157)	
33	No	29	158	Boisen, Newlin 1910 (158)	
34	No	38	160	Korstian, Brush 1931 (160)	
35	No	39	165	Hampf 1965 (165)	
36	No	40	166	Carmean 1978 (166)	
37	No	41	170	Lloyd 1971a (170)	
38	No	42	171	Carmean 1978 (171)	
39	No	45	190	Kellog 1939a (190)	
40	No	46	191	Losche, Schlesinger 1975 (191)	
41	No	47	192	Losche, Schlesinger 1975 (192)	
42	No	50	200	Howell 1940 (200)	
43	No	49	202	Chojnacky 1986 (202)	
44	No	48	210	Sauerwein 1982 (210)	
45	No	51	220	T.V.A. 1948 (220)	
46	No	52	230	Stone 1957 (230)	
47	No	54	235	Gevorkiantz 1957a (235)	
48	No	53	240	Aird, Stone 1955 (240)	
49	No	55	260	Cummings 1937 (260)	
50	No	56	261	Cochran 1985 (261)	
51	No	57	265	Schmidt, Shearer, Roe 1976 (265)	
52	No	27	300	Dolph 1983 (300)	
53	No	35	330	Broadfoot, Krinard 1959 (330)	
54	No	43	331	Carmean 1978 (331)	
55	No	44	332	Broadfoot 1969 (332)	
56	No	58	340	Trenk 1929 (340)	
57	No	59	350	Beck 1962 (350)	
58	No	60	355	Schlaegel, Kulow, Baughman 1969 (355)	
59	No	61	360	Beck 1962 (360)	

NASIS 7.1.4 Domains

Domain Name: site_index_curves

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
60	No	62	390	Applequist 1959 (390)	
61	No	63	395	Applequist 1959 (395)	
62	Yes	65	410	Brickell 1966 (410) (obsolete)	
63	No	64	411	Wilde, Lyer, Tanser, Trautmann, Watterson 1965 (411)	
64	No	66	412	Alexander 1967 (412)	
65	No	67	420	Lloyd 1970a (420)	
66	No	68	421	Gevorkiantz 1957b (421)	
67	No	69	422	Carmean, Hahn 1981 (422)	
68	No	70	430	Ferber 1971 (430)	
69	No	71	440	Farr 1967 (440)	
70	No	72	450	Gevorkiantz 1957c (450)	
71	No	73	470	Lloyd 1970b (470)	
72	No	74	490	Meyer 1961 (490)	
73	No	75	491	Farr 1984 (491)	
74	No	76	500	Gevorkiantz 1956b (500)	
75	No	77	501	Wilde, Lyer, Tanser, Trautmann, Watterston 1965 (501)	
76	No	78	502	Wilde, Lyer, Tanser, Trautmann, Watterston 1965 (502)	
77	No	79	510	Schumancher, Coile 1960 (510)	
78	No	80	520	Alexander 1966 (520)	
79	No	149	525	Hegyi, Jelinek, Carpenter 100TA 1979 (525)	
80	No	82	530	Coile, Schumacher 1953 (530)	
81	No	83	531	Nash 1963 (531)	
82	No	84	532	Gilmore, Metcalf 1961 (532)	
83	No	87	540	Langdon 1961 (540)	
84	No	88	541	Langdon 1959 (541)	
85	No	85	550	USDA 1929 (550)	
86	No	86	555	Barnes 1955 (555)	
87	No	10	570	Haig 1932 (570)	

NASIS 7.1.4 Domains

Domain Name: site_index_curves

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
88	No	153	575	Curtis, Diaz, Clendenen 1990 (575)	
89	No	154	576	Curtis, Diaz, Clendenen 1990 (576)	
90	No	89	580	USDA 1929 (580)	
91	No	81	600	Meyer 1961 (600)	
92	No	90	601	Minor 1964 (601)	
93	No	9	605	Dunning 1942 (605)	
94	No	145	615	Biging and Wensel 1984 (615)	
95	No	91	620	Nelson, Clutter, Chaiken 1961 (620)	
96	No	103	621	Kulow, Sowers, Heesch 1966 (621)	
97	No	92	630	Gevorkiantz 1957d (630)	
98	No	93	631	Wilde 1965 (631)	
99	No	94	632	Gilmore 1967 (632)	
100	No	95	635	Illick, Aughanbaugh 1930 (635)	
101	No	96	640	Schumacher, Coile 1960 (640)	
102	No	97	650	Doolittle 1960 (650)	
103	No	98	651	Gilmore 1968 (651)	
104	No	99	660	Lloyd 1970b (660)	
105	No	100	670	Gevorkiantz 1957e (670)	
106	No	101	690	Coile, Schumacher 1953 (690)	
107	No	102	691	Gilmore, Metcalf 1961 (691)	
108	No	104	700	Briscoe, Ferrill 1958 (700)	
109	No	105	710	Broadfoot 1960 (710)	
110	No	106	711	Neebe, Boyce 1959 (711)	
111	No	107	712	Brendemuehl 1965 (712)	
112	No	109	720	Gevorkiantz 1956c (720)	
113	No	110	721	Carmean 1978 (721)	
114	No	111	725	Gregory, Haack 1965 (725)	
115	No	112	730	Baker 1925 (730)	
116	No	113	735	Edminster, Mowrer, Shepperd 1985 (735)	

NASIS 7.1.4 Domains

Domain Name: site_index_curves

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
117	No	108	740	BCFS 1977 (740)	
118	No	114	750	Defler 1937 (750)	
119	No	115	751	Carmean 1978 (751)	
120	No	116	752	Auchmoody, Rexrode 1984 (752)	
121	No	120	765	Cochran 1979b (765)	
122	No	121	770	Brickell 1968 (770)	
123	No	122	771	Monserud 1985 (771)	
124	No	123	775	Edminster and Jump 1976 (775)	
125	Yes	146	780	Curtis, Herman, DeMars 1974 (780) (obsolete)	
126	No	117	781	DeMars, Herman 1987 (781)	
127	No	118	790	McArdle, Meyer, Bruce 1961 (790)	
128	No	119	795	King 1966 (795)	
129	No	135	800	Gevorkiantz 1957f (800)	
130	No	133	801	Grane, Bower 1971 (801)	
131	No	125	802	McQuilkin 1974, 1978 (802)	
132	No	126	803	Graney, Bower 1971 (803)	
133	No	127	804	Carmean 1971, 1972 (804)	
134	No	128	805	Carmean 1971, 1972 (805)	
135	No	132	806	Carmean 1971, 1972 (806)	
136	No	134	807	Carmean 1978 (807)	
137	No	138	808	Carmean 1971, 1972 (808)	
138	No	141	809	Carmean 1978 (809)	
139	No	136	810	Olson 1959 (810)	
140	No	124	811	DeLasaux, Pillsbury 1987 (811)	
141	No	131	812	Sauerwein 1983 (812)	
142	No	37	820	Schnur 1937 (820)	
143	No	130	840	Broadfoot 1961 (840)	
144	No	137	860	Broadfoot 1963 (860)	
145	No	129	880	Powers 1972 (880)	
146	No	139	900	Kellogg 1939b (900)	
147	No	140	930	Lindquist, Palley 1963 (930)	

NASIS 7.1.4 Domains

Domain Name: site_index_curves

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
148	No	148	935	Krumland, Wensel 1986 (935)	
149	No	147	960	Gevorkiantz 1957g (960)	
150	No	150	970	Kurucz 50BH, 1978 (970)	
151	No	143	990	Barnes 1962 (990)	
152	No	142	991	Frothingham 1915 (991)	
153	No	144	995	Wiley 1978 (995)	
154	No	151	9999	Unknown curve	<i>This choice is intended to only be used with older data where the true curve's identity is unknown.</i>
155	No	155	625	Brickell 1970	
156	No	156	602	Lynch 1958 (602)	

Domain Name: site_observation_text_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	4	correlation notes	Correlation notes	
2	No	6	installation metadata	Installation metadata	<i>Text note describing the methodology used during installation of monitoring equipment.</i>
3	No	7	instrumentation type	Instrumentation type	<i>Text note describing the type of sensor used.</i>
4	No	3	miscellaneous notes	Miscellaneous notes	
5	No	8	sensor history	Sensor history	<i>Text note describing the history of the sensor.</i>
6	No	1	site observation, formatted	Site observation, formatted	<i>A formatted note written at the time of describing a site, pedon. or horizon. This note may be included into the pedon description report.</i>
7	No	2	site observation, unformatted	Site observation, unformatted	<i>A free-form note written at the time of describing a site, pedon. or horizon.</i>
8	No	5	windows pedon import issue	Windows Pedon import issue	

Domain Name: site_text_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	5	conversion problem	Conversion problem	<i>Note related to a problem on converting data from PDP system to NASIS.</i>
2	No	4	correlation notes	Correlation notes	
3	No	3	miscellaneous notes	Miscellaneous notes	
4	No	6	pedon conversion	Pedon conversion	
5	No	1	site note, formatted	Site note, formatted	<i>A formatted note written at the time of describing a site, pedon. or horizon. This note may be included into the pedon description report.</i>
6	No	2	site note, unformatted	Site note, unformatted	<i>A free-form note written at the time of describing a site, pedon. or horizon.</i>
7	No	7	windows pedon import issue	Windows Pedon import issue	

NASIS 7.1.4

Domains

Domain Name: slope_complexity

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	complex	complex	<i>Groups of slopes that have definite breaks in several different directions and in most cases markedly different slope gradients within the areas delineated.</i>
2	No	2	simple	simple	<i>The surface of the landform consists of fairly uniform slope gradients, breaking in dominantly one direction.</i>

Domain Name: slope_segment

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	7	upper third	on upper third	
2	No	4	middle third	on middle third	
3	No	3	lower third	on lower third	
4	Yes	6	on a slope	on a slope (unspecified)	
5	Yes	5	depression on a slope	on a slope and in a depression	
6	Yes	1	depression	in a depression	
7	Yes	2	drainageway	in a drainageway	
8	Yes	8	on the crest	on the crest	
9	Yes	9	on slope and crest	on a slope and on the crest	

Domain Name: slope_shape

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	concave	Concave	<i>Up & Down Slope: A slope segment of the land surface whose slope gradient increases up the slope and decreases down the slope, and runoff tends to decelerate as it flows down the slope. In cross-sectional profile, the surface bows downward. Across Slope: A lateral slope segment of the land surface that bows inward along the contour which causes runoff to concentrate towards the middle. From an aerial perspective, the line bows into the slope.</i>
2	No	2	convex	Convex	<i>Up & Down Slope: A slope segment of the land surface whose slope gradient decreases up the slope and increases down the slope, and runoff tends to accelerate as it flows down the slope. In cross-sectional profile, the surface bows upward. Across Slope: A lateral slope segment of the land surface that bows outward along the contour, which causes runoff to spread out away from the middle. From an aerial perspective, the line bows out, away from the slope.</i>
3	No	3	linear	Linear	<i>Up & Down Slope: A slope segment of the land surface whos slope gradient is approximately constant and across which runoff neither accelerates nor decelerates as it flows down the slope. In cross-sectional profile the surface appears dominantly as a straight line. Across Slope: A lateral slope segment of the land surface that is dominantly a straight line as observed along the contour, which causes predominantly parallel surface water flow.</i>
4	Yes	4	undulating	Undulating	

NASIS 7.1.4 Domains

Domain Name: slope_shape

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
5	Yes	5	complex	Complex	

Domain Name: sociability_class

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	growing solitarily	Growing solitarily	<i>Individual plants exist as scattered single plants.</i>
2	No	2	small group or clump	Small group or clump	<i>Individual plants exist as a small group or clump of plants.</i>
3	No	3	small patches	Small patches	<i>Plants exist in small pathces.</i>
4	No	4	large patches	Large patches	<i>Plants exist in large patches.</i>
5	No	5	near pure stand	Near pure stand	<i>Plants exist as a nearly pure stand within the sample area.</i>

Domain Name: soil_compaction

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	slight	Slight	
2	No	2	moderate	Moderate	
3	No	3	severe	Severe	

Domain Name: soil_crusting

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	slight	Slight	
2	No	2	moderate	Moderate	
3	No	3	severe	Severe	

Domain Name: soil_degradation

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	slight	Slight	
2	No	2	moderate	Moderate	
3	No	3	severe	Severe	

NASIS 7.1.4 Domains

Domain Name: soil_entity_type

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	pedon data	Pedon Data	
2	No	2	aggregated data	Aggregated Data	
3	No	3	series data	Series Data	
4	No	4	dynamic domain	Dynamic Domain	
5	No	5	data dictionary	Data Dictionary	
6	No	6	project and tss	Project and TSS	
7	No	7	system related	System Related	
8	No	8	eco site inventory	Eco Site Inventory	
9	No	9	site data	Site Data	
10	No	10	pedon lab data	Pedon Lab Data	
11	No	11	replication related	Replication Related	
12	No	12	ssurgo export related	SSURGO Export Related	
13	No	13	interp generation related	Interp Generation Related	

Domain Name: soil_erodibility_factor

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	.02	.02	
2	No	2	.05	.05	
3	No	3	.10	.10	
4	No	4	.15	.15	
5	No	5	.17	.17	
6	No	6	.20	.20	
7	No	7	.24	.24	
8	No	8	.28	.28	
9	No	9	.32	.32	
10	No	10	.37	.37	
11	No	11	.43	.43	
12	No	12	.49	.49	
13	No	13	.55	.55	
14	No	14	.64	.64	

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Domains

Domain Name: soil_moisture_sensor_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	Yes	5	aquaflex	Aquaflex	
2	Yes	1	campbell scientific	Campbell Scientific	
3	No	15	coleman	Coleman	<i>Coleman by Soil Moisture Equipment</i>
4	No	17	CS650	CS650	<i>CS650 by Campbell Scientific, Inc.</i>
5	Yes	2	dynamax	Dynamax	
6	Yes	9	echo probe	Echo Probe	<i>Echo Probe by Onset</i>
7	No	3	hydra probe analog	Hydra Probe analog	<i>Hydra Probe Analog by Stevens Water Monitoring Systems Inc.</i>
8	No	4	hydra probe II SDI-12	Hydra Probe II SDI-12	<i>Hydra Probe II SDI-12 by Stevens Water Monitoring Systems Inc.</i>
9	Yes	11	sentry 200ap	Sentry 200ap	<i>Sentry 200ap by Troxler</i>
10	Yes	13	soil moisture equipment	Soil Moisture Equipment	
11	No	16	S-SMC-M005	S-SMC-M005	<i>S-SMC-M005 by Onset.</i>
12	Yes	6	TDR 300	TDR 300	<i>TDR 300 by Spectrum.</i>
13	Yes	12	tektronix	Tektronix	
14	Yes	10	theta probe	Theta Probe	<i>Theta Probe by Delta T.</i>
15	Yes	14	trime	Trime	<i>Trime by IMKO</i>
16	Yes	8	vitel hydra probe	Vitel Hydra Probe	<i>Vitel Hydra Probe by Stevens Water</i>
17	No	7	watermark	Watermark	<i>Watermark by Soil Moisture Equipment</i>

Domain Name: soil_moisture_status

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	dry	Dry	<i>>1500 kPa (>15 bar) suction</i>
2	No	2	moist	Moist	<i>=<1500 to 0.01 kPa (= <15 bar to 0.00001 bar) suction.</i>
3	Yes	3	saturation	Saturation from capillary fringe	
4	No	4	wet	Wet	<i><0.01 kPa (<0.00001 bar) suction; free water present (satiated wet).</i>
5	Yes	5	frozen	Frozen	

Domain Name: soil_odor

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	none	None	<i>no odor detected</i>
2	No	2	petrochemical	Petrochemical	<i>The presence (smell) of gaseous or liquid gasoline, oil, creosote, etc.</i>
3	No	3	sulfurous	Sulfurous	<i>Presence of H2S (hydrogen sulfide); rotten eggs; commonly associated with strongly reduced soil containing sulfur compounds.</i>

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Domains

Domain Name: soil_odor

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
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Domain Name: soil_odor_intensity

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	slight	Slight	<i>Odor is faint (e.g., only detected when some of the sample is brought close to the nose).</i>
2	No	2	moderate	Moderate	<i>Odor is readily noticeable at arms length as one handles the material (e.g., intermediate intensity); only detected as one starts to dig into the sample.</i>
3	No	3	strong	Strong	<i>Odor is quite intense and readily detected before or immediately after the sample is exposed to air.</i>

Domain Name: soil_redistribution_class

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	class 0	Class 0	<i>No evidence of erosion or deposition.</i>
2	No	2	class 1	Class 1	<i>Very slight soil redistribution. No noticeable thinning of the soil surface and soil movement occurs within a matrix of vegetated/stable soil.</i>
3	No	3	class 2	Class 2	<i>Patchy, slight (<5cm) soil loss and deposition. The soil surface is thinned in discrete patches within a matrix of vegetated/stable soil. Sediment source may be on or off the plot.</i>
4	No	4	class 3a	Class 3a	<i>Extensive, moderate soil loss (<10cm). Noticeable thinning of the soil surface across the plot, with or without patches of stable soil or sediment accumulation. Patches of stable soil and sediment deposits are typically associated with persistent plants.</i>
5	No	5	class 3b	Class 3b	<i>Extensive, moderate soil redistribution (<10cm). Sediment deposits (<10cm thick) common across the plot from a sediment source off the plot. Sediment accumulation can be associated with erosion or redistribution of sediments suggesting that soil is currently moving into and out of the plot.</i>
6	No	6	class 4a	Class 4a	<i>Extensive, severe erosion (>10cm); little deposition. Plot is embedded in an extensive area of erosion.</i>
7	No	7	class 4b	Class 4b	<i>Extensive, severe erosion (>10cm) coupled with patchy sediment deposition. Plot is embedded in an extensive area of erosion and deposition.</i>
8	No	8	class 4c	Class 4c	<i>Extensive, severe sediment deposition (>10cm). Sedimentation continuous across plot. May be hard to detect without excavation. Sediments originate from off the plot.</i>

Domain Name: soil_slippage_potential

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	low	Low	<i>Low potential of slippage.</i>
2	Yes	2	moderately low	Moderately low	<i>Moderately low hazard of slippage.</i>
3	No	3	medium	Medium	<i>Medium potential of slippage.</i>

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Domains

Domain Name: soil_slippage_potential

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
4	Yes	4	moderately high	Moderately high	<i>Moderately high hazard of slippage.</i>
5	No	5	high	High	<i>High potential of slippage.</i>

Domain Name: soil_stability_class

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	class 1	Class 1	<i>50% or more of structural integrity lost within 5 seconds of insertion in water, or soil is too unstable to sample (falls through sieve).</i>
2	No	2	class 2	Class 2	<i>50% or more of structural integrity lost within 5 - 30 seconds of insertion in water.</i>
3	No	3	class 3	Class 3	<i>More than 50% remains after 300 seconds, and <10% of soil remains on sieve after 5 dipping cycles.</i>
4	No	4	class 4	Class 4	<i>More than 50% remains after 300 seconds, and 10 - 25% of soil remains after 5 dipping cycles.</i>
5	No	5	class 5	Class 5	<i>More than 50% remains after 300 seconds, and 25 - 75% of soil remains after 5 dipping cycles.</i>
6	No	6	class 6	Class 6	<i>More than 50% remains after 300 seconds, and 75 - 100% of soil remains after 5 dipping cycles.</i>

Domain Name: soil_surface_erosion

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	slight	Slight	
2	No	2	moderate	Moderate	
3	No	3	severe	Severe	

Domain Name: soil_survey_area_status

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	5	extensive revision	Extensive revision	<i>Soil Survey area has a published report that requires extensive revision, as defined in NSSH Part 610.06. The Director, Soil Survey Division, has approved the survey area for updating and republication, and the survey area has a signed memorandum of understanding and staffing to complete the fieldwork in 2 to 4 years.</i>
2	No	4	initial	Initial	<i>Soil survey area has a signed Memorandum of Understanding and assigned staffing to complete the initial mapping and field documentation in 3 to 5 years.</i>
3	No	3	nonproject	Nonproject	<i>Soil survey area has neither the initial mapping complete nor a signed correlation document.</i>
4	No	1	out-of-date	Out-of-date	<i>Soil survey area has a published report, but it no longer meets user needs; it requires extensive revision, as defined in NSSH Part 610.06.</i>

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Domains

Domain Name: soil_survey_area_status

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
5	No	2	published	Published	<i>Soil survey area has been printed, or otherwise reproduced and issued by a Federal or State agency, and meets the current needs of users. Publication is defined as a traditional hard copy printed report, CD-ROM, web publication, or other media as agreed to by the National Cooperative Soil Survey cooperators in the memorandum of understanding.</i>
6	No	6	update	Update	<i>Soil survey area has a published report that requires some degree of revision (primarily to soil maps), as defined in NSSH Part 610.06. A comprehensive evaluation documents deficiencies for the entire survey area, and National Cooperative Soil Survey cooperators have agreed on the evaluation; staffing is assigned and other necessary resources are available to complete all revisions within 2 years or less.</i>
7	No	7	update needed	Update needed	<i>Soil survey area has a published report that requires some degree of revision (primarily to soil maps), as defined in NSSH Part 610.06. A comprehensive evaluation documents deficiencies for the entire survey area, and National Cooperative Soil Survey cooperators have agreed on the evaluation; however available resources do not dictate immediate project activities and a change to Maintenance status.</i>

Domain Name: soil_taxonomy_edition

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	12	twelfth edition	twelfth edition	
2	No	11	eleventh edition	eleventh edition	
3	No	10	tenth edition	tenth edition	
4	No	9	ninth edition	ninth edition	
5	No	8	eighth edition	eighth edition	
6	No	7	seventh edition	seventh edition	
7	No	6	sixth edition	sixth edition	
8	No	5	fifth edition	fifth edition	
9	No	4	fourth edition	fourth edition	
10	No	3	third edition	third edition	
11	No	2	second edition	second edition	
12	No	1	first edition	first edition	

Domain Name: soil_temperature_sensor_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	8	coleman	Coleman	<i>Coleman by Soil Moisture Equipment</i>
2	No	2	CS107	CS107	<i>CS107 by Campbell Scientific Inc.</i>
3	No	1	CS109	CS109	<i>CS109 by Campbell Scientific Inc.</i>

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Domains

Domain Name: soil_temperature_sensor_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
4	Yes	9	hobo	Hobo	<i>Hobo by Onset</i>
5	No	3	hydra probe analog	Hydra Probe analog	<i>Hydra Probe Analog by Stevens Water Monitoring Systems Inc.</i>
6	No	4	hydra probe II SDI-12	Hydra Probe II SDI-12	<i>Hydra Probe II SDI-12 by Stevens Water Monitoring Systems Inc.</i>
7	No	5	mrc probe	MRC Probe	<i>MRC Probe by Measurement Research Corporation</i>
8	Yes	12	QMT103	QMT103	<i>QMT103 by Vaisal</i>
9	Yes	14	ST01	ST01	<i>ST01 by Hukselux</i>
10	No	6	S-TMB-M006	S-TMB-M006	<i>S-TMB-M006 by Onset.</i>
11	Yes	16	T300	T300	<i>T300 by Aquaterrinstrument</i>
12	Yes	11	theta probe	Theta Probe	<i>Theta Probe by Delta T.</i>
13	No	15	TS10	TS10	<i>TS10 by Environ Data</i>
14	Yes	13	TT-103R-W	TT-103R-W	<i>TT-103R-W by Texas Electronics.</i>
15	Yes	10	vitel hydra probe	Vitel Hydra Probe	<i>Vitel Hydra Probe- Stevens Water</i>
16	No	7	watermark	Watermark	<i>Watermark by Soil Moisture Equipment</i>

Domain Name: Sort Direction (NASIS 6 metadata)

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	ascending	Ascending	
2	No	2	descending	Descending	

Domain Name: Sort Type (NASIS 6 metadata)

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	data type default	Data Type Default	
2	No	2	lexigraphical	Lexigraphical	
3	No	3	numeric/lexigraphical/numeric	Numeric/Lexigraphical/Numeric	

Domain Name: sort_direction

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	ascending	Ascending	
2	No	2	descending	Descending	

NASIS 7.1.4 Domains

Domain Name: sort_type

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	3	data type default	Data Type Default	
2	No	1	lexigraphical	Lexigraphical	
3	No	2	num/lex/num	Numeric/Lexigraphical/Numeric	

Domain Name: species_condition

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	good	Good	<i>Leaves (or needles) are normal in color and growth. Small amounts of dead wood (top, branches, and twigs) occur within the live crowns. Evidence of disease, insect, and climatic damage is limited. Little or no evidence of suppression or stagnation.</i>
2	No	2	fair	Fair	<i>Leaves (or needles) are normal in color and growth. Substantial amounts of dead wood (top, branches, and twigs) occur within the live crowns. Evidence of disease, insect, and climatic damage is obvious. There is evidence of suppression or stagnation. Current-year growth obviously less than normal for the species.</i>
3	No	3	poor	Poor	<i>Leaves (or needles) are very abnormal in color and growth. Very large amounts of dead wood (top, branches, and twigs) occur within the live crowns. Evidence of extensive disease, insect, and climatic damage is obvious. There is evidence of severe suppression or stagnation. Current-year growth is negligible.</i>
4	No	4	dead	Dead	<i>Plants in the row are dead.</i>
5	No	5	none	None	

Domain Name: state_alpha_fips_code

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	AK	AK	
2	No	2	AL	AL	
3	No	4	AR	AR	
4	No	3	AS	AS	
5	No	5	AZ	AZ	
6	No	6	CA	CA	
7	No	7	CO	CO	
8	No	8	CT	CT	
9	No	9	CZ	CZ	
10	No	10	DC	DC	
11	No	11	DE	DE	

NASIS 7.1.4 Domains

Domain Name: state_alpha_fips_code

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
12	No	12	FL	FL	
13	No	13	FM	FM	
14	No	14	FN	FN	
15	No	15	GA	GA	
16	No	16	GU	GU	
17	No	17	HI	HI	
18	No	18	IA	IA	
19	No	19	ID	ID	
20	No	20	IL	IL	
21	No	21	IN	IN	
22	No	22	KS	KS	
23	No	23	KY	KY	
24	No	24	LA	LA	
25	No	25	MA	MA	
26	No	26	MD	MD	
27	No	27	ME	ME	
28	No	28	MH	MH	
29	No	29	MI	MI	
30	No	30	MN	MN	
31	No	31	MO	MO	
32	No	32	MP	MP	
33	No	33	MS	MS	
34	No	34	MT	MT	
35	No	35	NC	NC	
36	No	36	ND	ND	
37	No	37	NE	NE	
38	No	38	NH	NH	
39	No	39	NJ	NJ	
40	No	40	NM	NM	
41	No	41	NV	NV	
42	No	42	NY	NY	
43	No	43	OH	OH	
44	No	44	OK	OK	
45	No	45	OR	OR	
46	No	46	PA	PA	

NASIS 7.1.4 Domains

Domain Name: state_alpha_fips_code

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
47	No	47	PR	PR	
48	No	48	PW	PW	
49	No	49	RI	RI	
50	No	50	SC	SC	
51	No	51	SD	SD	
52	No	52	TN	TN	
53	No	53	TX	TX	
54	No	54	UM	UM	
55	No	55	UT	UT	
56	No	56	VA	VA	
57	No	57	VI	VI	
58	No	58	VT	VT	
59	No	59	WA	WA	
60	No	60	WI	WI	
61	No	61	WV	WV	
62	No	62	WY	WY	

Domain Name: state_fips_code_alpha

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	ak	Alaska	
2	No	2	al	Alabama	
3	No	4	ar	Arkansas	
4	No	3	as	American Samoa	
5	No	5	az	Arizona	
6	No	6	ca	California	
7	No	7	co	Colorado	
8	No	8	ct	Connecticut	
9	No	9	cz	Canal Zone	
10	No	10	dc	District of Columbia	
11	No	11	de	Delaware	
12	No	12	fl	Florida	
13	No	13	fm	Federated States of Micronesia	
14	No	14	fn	Foreign	

NASIS 7.1.4 Domains

Domain Name: state_fips_code_alpha

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
15	No	15	ga	Georgia	
16	No	16	gu	Guam	
17	No	17	hi	Hawaii	
18	No	18	ia	Iowa	
19	No	19	id	Idaho	
20	No	20	il	Illinois	
21	No	21	in	Indiana	
22	No	22	ks	Kansas	
23	No	23	ky	Kentucky	
24	No	24	la	Louisiana	
25	No	25	ma	Massachusetts	
26	No	26	md	Maryland	
27	No	27	me	Maine	
28	No	28	mh	Marshall Islands	
29	No	29	mi	Michigan	
30	No	30	mn	Minnesota	
31	No	31	mo	Missouri	
32	No	32	mp	Northern Mariana Islands	
33	No	33	ms	Mississippi	
34	No	34	mt	Montana	
35	No	35	nc	North Carolina	
36	No	36	nd	North Dakota	
37	No	37	ne	Nebraska	
38	No	38	nh	New Hampshire	
39	No	39	nj	New Jersey	
40	No	40	nm	New Mexico	
41	No	41	nv	Nevada	
42	No	42	ny	New York	
43	No	43	oh	Ohio	
44	No	44	ok	Oklahoma	
45	No	45	or	Oregon	
46	No	46	pa	Pennsylvania	
47	No	47	pr	Puerto Rico	
48	No	48	pw	Palau	
49	No	49	ri	Rhode Island	

NASIS 7.1.4 Domains

Domain Name: state_fips_code_alpha

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
50	No	50	sc	South Carolina	
51	No	51	sd	South Dakota	
52	No	52	tn	Tennessee	
53	No	53	tx	Texas	
54	No	54	um	U.S. Minor Outlying Islands	
55	No	55	ut	Utah	
56	No	56	va	Virginia	
57	No	57	vi	Virgin Islands	
58	No	58	vt	Vermont	
59	No	59	wa	Washington	
60	No	60	wi	Wisconsin	
61	No	61	wv	West Virginia	
62	No	62	wy	Wyoming	

Domain Name: stickiness

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	2	nonsticky	Nonsticky	<i>After release of pressure, practically no soil material adheres to the thumb or forefinger. (SSM)</i>
2	No	3	slightly sticky	Slightly sticky	<i>After release of pressure, soil material adheres perceptible to both digits. As the digits are separated, the material tends to come off one or the other rather cleanly. The material does not stretch appreciably on separation of the digits.</i>
3	No	1	moderately sticky	Moderately sticky	<i>After release of pressure, soil material adheres to both digits and tends to stretch slightly rather than pull completely free from either digit.</i>
4	No	4	very sticky	Very sticky	<i>After release of pressure, soil material adheres so strongly to both digits that it stretches decidedly when the digits are separated. Soil material remains on both digits.</i>

Domain Name: stocking_rate

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	low	Low	
2	No	2	medium	Medium	
3	No	3	high	High	

NASIS 7.1.4

Domains

Domain Name: structure_grade

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	weak	Weak	<i>Individual soil units or aggregates are barely observable in place. When gently disturbed, the soil material parts into a mixture of whole and broken units and much material that exhibits no planes of weakness. (SSM)</i>
2	No	2	moderate	Moderate	<i>Individual soil units or aggregates are well formed and evident in undisturbed soil. When disturbed, the soil material parts into a mixture of mostly whole units, some broken units, and material not in units. (SSM)</i>
3	No	3	strong	Strong	<i>Individual soil units or aggregates are distinct in undisturbed soil. When removed, the soil material parts mainly into whole units. (SSM)</i>
4	Yes	4	weak and moderate	Weak and moderate	<i>No individual soil units or aggregates are observable, either in place or following disturbance. (SSM)</i>
5	Yes	5	moderate and strong	Moderate and strong	
6	No	6	structureless	Structureless	
7	Yes	7	very strong	Very strong	

Domain Name: structure_size

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	11	very fine	Very fine	<i>Granular or platy: <1 mm</i> <i>Columnar or prismatic: <10 mm</i> <i>Angular or subangular blocky: <5 mm</i>
2	Yes	4	very fine and fine	Very fine and fine	<i>Granular: 1 to <2 mm</i> <i>Columnar or prismatic: 10 to <20 mm</i> <i>Angular or subangular blocky: 5 to <10 mm</i>
3	No	3	fine	Fine	
4	Yes	5	fine and medium	Fine and medium	
5	No	6	medium	Medium	<i>Granular or platy: 2 to <5 mm</i> <i>Columnar or prismatic: 20 to <50 mm</i> <i>Angular or subangular blocky: 10 to <20 mm</i>
6	Yes	7	medium and coarse	Medium and coarse	<i>Granular: 5 to <10 mm</i> <i>Columnar or prismatic: 50 to <100mm</i> <i>Angular or subangular blocky: 20 to <50mm</i>
7	No	1	coarse	Coarse	
8	Yes	2	coarse and very coarse	Coarse and very coarse	

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Domains

Domain Name: structure_size

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
9	No	10	very coarse	Very coarse	<i>Granular: =>10mm</i> <i>Columnar or prismatic: 100 to <500mm</i> <i>Angular or subangular blocky: =>50mm</i>
10	No	13	very thin	Very thin	<i><1mm</i>
11	No	9	thin	Thin	<i>1 to <2mm</i>
12	No	8	thick	Thick	<i>5 to <10mm</i>
13	No	12	very thick	Very thick	<i>=>10mm</i>
14	No	14	extremely coarse	Extremely coarse	<i>Granular: n/a</i> <i>Columnar or prismatic: =>500mm</i> <i>Angular or subangular blocky: n/a</i>
15	Yes	15	extremely fine	Extremely fine	
16	Yes	16	fine to coarse	Fine to coarse	

Domain Name: structure_type

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	angular blocky	Angular blocky	<i>Polyhedrals with faces that intersect at sharp angles (planes).</i>
2	Yes	12	blocky	Blocky	
3	No	2	cloddy	Cloddy	<i>Irregular blocks created by artificial disturbance - i.e. tillage operations or compaction.</i>
4	No	3	columnar	Columnar	<i>Vertically elongated units with rounded tops which commonly are "bleached".</i>
5	Yes	13	crumb	Crumb	
6	No	4	granular	Granular	<i>Small polyhedrals with curved or very irregular faces.</i>
7	No	14	lenticular	Lenticular	<i>Overlapping lenses oriented parallel to the soil surface which are thickest in the middle and thin towards the edges; commonly associated with moist soils, texture classes high in silt or very fine sand (e.g., silt loam), and high potential frost action.</i>
8	Yes	5	lenticular platy	Lenticular platy	
9	No	6	massive	Massive	<i>No structural units. Material is a coherent mass (not necessarily cemented).</i>
10	No	7	platy	Platy	<i>Flat or tabular-like units.</i>
11	No	8	prismatic	Prismatic	<i>Vertically elongated units with flat tops.</i>
12	No	10	single grain	Single grain	<i>No structural units. Material is entirely noncoherent.</i>
13	No	9	subangular blocky	Subangular blocky	<i>Polyhedrals with sub-rounded and planar faces, lacking sharp angles.</i>
14	No	11	wedge	Wedge	<i>Elliptical, interlocking lenses that terminate in acute angles, bounded by slickensides; not limited to vertic materials.</i>

NASIS 7.1.4

Domains

Domain Name: suppression_degree

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	none	None	<i>The crown is completely free to develop.</i>
2	No	2	slight	Slight	<i>Competition for light from the side has caused the crown to develop abnormally.</i>
3	No	3	moderate	Moderate	<i>Side competition and/or overtopping has caused abnormal top development and some apparent height loss (up to one-third of total height).</i>
4	No	4	severe	Severe	<i>Overtopping has resulted in a serious reduction in height growth (more than one-third of total height).</i>

Domain Name: surface_water_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	2	flooded	flooded	<i>Land surface is temporarily covered by flowing water, as in overbank stream flow.</i>
2	No	3	none observed	none observed	<i>No surface water was observed at the time of field visit.</i>
3	No	4	permanent	Permanent	<i>Lasting (permanent) waterbody overlying subaqueous soils.</i>
4	No	1	ponded	ponded	<i>Land surface is temporarily covered by standing water, as in a closed depression.</i>

Domain Name: table_collection_replication

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	selectable for replication	Selectable for Replication	<i>Table collection is selectable for replication. Replicated columns in the root table should be indicated by setting the in_replication_select_list flag.</i>
2	No	2	auto replication	Auto Replication	<i>Table collection is auto replicated. Do not set any columns in the root table, in_replication_select_list flag.</i>

Domain Name: taxonomic_family_c_e_act_class

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	not used	not used	
2	No	2	subactive	subactive	<i>The CEC7 to clay ratio is less than 0.24.</i>
3	No	3	semiactive	semiactive	<i>The CEC7 to clay ratio is 0.24 to 0.40.</i>
4	No	4	active	active	<i>The CEC7 to clay ratio is 0.40 to 0.60.</i>
5	No	5	superactive	superactive	<i>The CEC7 to clay ratio is greater than or equal to 0.60.</i>

NASIS 7.1.4 Domains

Domain Name: taxonomic_family_haht_mat_class

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	araric	Araric	
2	No	2	artifactic	Artifactic	
3	No	3	ashifactic	Ashifactic	
4	No	4	asphaltic	Asphaltic	
5	No	5	combustic	Combustic	
6	No	6	concretic	Concretic	
7	No	7	dredgic	Dredgic	
8	No	8	gypsifactic	Gypsifactic	
9	No	9	methanogenic	Methanogenic	
10	No	10	pauciartifactic	Pauciartifactic	
11	No	11	pyrocarbonic	Pyrocarbonic	
12	No	12	spolic	Spolic	

Domain Name: taxonomic_family_mineralogy

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	allitic	allitic	
2	No	35	amorphic	amorphic	
3	Yes	2	calcareous	calcareous	
4	No	3	carbonatic	carbonatic	
5	Yes	5	chloritic	chloritic	
6	Yes	32	clastic	clastic	
7	No	4	coprogenous	coprogenous	
8	No	6	diatomaceous	diatomaceous	
9	No	7	ferrihumic	ferrihumic	
10	No	36	ferrihydritic	ferrihydritic	
11	No	8	ferritic	ferritic	
12	No	9	ferruginous	ferruginous	
13	No	10	gibbsitic	gibbsitic	
14	No	37	glassy	glassy	
15	No	11	glauconitic	glauconitic	
16	No	12	gypsic	gypsic	
17	No	13	halloysitic	halloysitic	
18	No	43	hypergypsic	hypergypsic	

NASIS 7.1.4 Domains

Domain Name: taxonomic_family_mineralogy

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
19	No	14	illitic	illitic	
20	Yes	15	illitic (calcareous)	illitic (calcareous)	
21	No	38	isotic	isotic	
22	No	16	kaolinitic	kaolinitic	
23	No	39	magnesian	magnesian	
24	No	17	marly	marly	
25	No	18	micaceous	micaceous	
26	Yes	19	micaceous (calcareous)	micaceous (calcareous)	
27	No	20	mixed	mixed	
28	Yes	21	mixed (calcareous)	mixed (calcareous)	
29	Yes	22	montmorillonitic	montmorillonitic	
30	Yes	23	montmorillonitic (calcareous)	montmorillonitic (calcareous)	
31	No	34	not used	not used	
32	Yes	24	oxidic	oxidic	
33	Yes	40	paramicaceous	paramicaceous	
34	No	41	parasesquic	parasesquic	
35	Yes	33	sepiolitic	sepiolitic	
36	Yes	25	serpentinic	serpentinic	
37	No	28	sesquic	sesquic	
38	No	26	siliceous	siliceous	
39	Yes	27	siliceous (calcareous)	siliceous (calcareous)	
40	No	42	smectitic	smectitic	
41	Yes	31	unclassified	unclassified	
42	No	29	vermiculitic	vermiculitic	
43	Yes	30	vermiculitic (calcareous)	vermiculitic (calcareous)	
44	No	44	anhydritic	anhydritic	

Domain Name: taxonomic_family_other

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	2	coated	coated	
2	No	3	cracked	cracked	
3	Yes	10	level	level	
4	No	4	micro	micro	

NASIS 7.1.4 Domains

Domain Name: taxonomic_family_other

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
5	No	1	not used	not used	
6	No	5	ortstein	ortstein	
7	Yes	13	ortstein and shallow	ortstein and shallow	
8	No	6	shallow	shallow	
9	Yes	12	shallow and coated	shallow and coated	
10	Yes	11	shallow and uncoated	shallow and uncoated	
11	Yes	7	sloping	sloping	
12	Yes	9	unclassified	unclassified	
13	No	8	uncoated	uncoated	

Domain Name: taxonomic_family_part_size_mod

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	aniso	aniso	<i>This is used only to indicate that more than one pair of contrasting particle size families exist within the control section. (see Soil Taxonomy)</i>
2	Yes	3	not aniso	not aniso	
3	No	2	not used	not used	<i>Used to indicate that the soil does not qualify as "aniso".</i>

Domain Name: taxonomic_family_particle_size

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	5	ashy	ashy	
2	No	92	ashy over clayey	ashy over clayey	
3	No	95	ashy over clayey-skeletal	ashy over clayey-skeletal	
4	No	8	ashy over loamy	ashy over loamy	
5	No	13	ashy over loamy-skeletal	ashy over loamy-skeletal	
6	No	19	ashy over medial	ashy over medial	
7	No	81	ashy over medial-skeletal	ashy over medial-skeletal	
8	No	7	ashy over pumiceous or cindery	ashy over pumiceous or cindery	
9	No	21	ashy over sandy or sandy-skeletal	ashy over sandy or sandy-skeletal	
10	No	80	ashy-pumiceous	ashy-pumiceous	
11	No	9	ashy-skeletal	ashy-skeletal	
12	No	107	ashy-skeletal over clayey	ashy-skeletal over clayey	

NASIS 7.1.4 Domains

Domain Name: taxonomic_family_particle_size

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
13	No	93	ashy-skeletal over fragmental or cindery	ashy-skeletal over fragmental or cindery	
14	No	98	ashy-skeletal over loamy-skeletal	ashy-skeletal over loamy-skeletal	
15	No	101	ashy-skeletal over sandy or sandy-skeletal	ashy-skeletal over sandy or sandy-skeletal	
16	No	3	cindery	cindery	
17	No	6	cindery over loamy	cindery over loamy	
18	No	17	cindery over medial	cindery over medial	
19	No	15	cindery over medial-skeletal	cindery over medial-skeletal	
20	Yes	4	cindery over sandy or sandy-skeletal	cindery over sandy or sandy-skeletal	
21	No	63	clayey	clayey	
22	No	108	clayey over coarse-gypseous	clayey over coarse-gypseous	
23	No	109	clayey over fine-gypseous	clayey over fine-gypseous	
24	Yes	67	clayey over fine-silty	clayey over fine-silty	
25	No	64	clayey over fragmental	clayey over fragmental	
26	No	110	clayey over gypseous-skeletal	clayey over gypseous-skeletal	
27	No	68	clayey over loamy	clayey over loamy	
28	No	66	clayey over loamy-skeletal	clayey over loamy-skeletal	
29	No	65	clayey over sandy or sandy-skeletal	clayey over sandy or sandy-skeletal	
30	No	38	clayey-skeletal	clayey-skeletal	
31	No	39	clayey-skeletal over sandy or sandy-skeletal	clayey-skeletal over sandy or sandy-skeletal	
32	No	105	coarse-gypseous	coarse-gypseous	
33	No	46	coarse-loamy	coarse-loamy	
34	No	49	coarse-loamy over clayey	coarse-loamy over clayey	
35	No	47	coarse-loamy over fragmental	coarse-loamy over fragmental	
36	No	48	coarse-loamy over sandy or sandy-skeletal	coarse-loamy over sandy or sandy-skeletal	
37	No	50	coarse-silty	coarse-silty	
38	No	53	coarse-silty over clayey	coarse-silty over clayey	
39	Yes	51	coarse-silty over fragmental	coarse-silty over fragmental	
40	No	52	coarse-silty over sandy or sandy-skeletal	coarse-silty over sandy or sandy-skeletal	

NASIS 7.1.4 Domains

Domain Name: taxonomic_family_particle_size

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
41	No	69	fine	fine	
42	No	106	fine-gypseous	fine-gypseous	
43	No	54	fine-loamy	fine-loamy	
44	No	58	fine-loamy over clayey	fine-loamy over clayey	
45	No	56	fine-loamy over fragmental	fine-loamy over fragmental	
46	No	57	fine-loamy over sandy or sandy-skeletal	fine-loamy over sandy or sandy-skeletal	
47	No	59	fine-silty	fine-silty	
48	No	62	fine-silty over clayey	fine-silty over clayey	
49	No	60	fine-silty over fragmental	fine-silty over fragmental	
50	No	61	fine-silty over sandy or sandy-skeletal	fine-silty over sandy or sandy-skeletal	
51	No	91	fragmental	fragmental	
52	No	104	gypseous-skeletal	gypseous-skeletal	
53	No	71	hydrous	hydrous	
54	No	74	hydrous over clayey	hydrous over clayey	
55	No	75	hydrous over clayey-skeletal	hydrous over clayey-skeletal	
56	No	76	hydrous over fragmental	hydrous over fragmental	
57	No	77	hydrous over loamy	hydrous over loamy	
58	No	78	hydrous over loamy-skeletal	hydrous over loamy-skeletal	
59	No	79	hydrous over sandy or sandy-skeletal	hydrous over sandy or sandy-skeletal	
60	No	72	hydrous-pumiceous	hydrous-pumiceous	
61	No	73	hydrous-skeletal	hydrous-skeletal	
62	No	44	loamy	loamy	
63	No	99	loamy over ashy or ashy-pumiceous	loamy over ashy or ashy-pumiceous	
64	No	111	loamy over coarse-gypseous	loamy over coarse-gypseous	
65	No	112	loamy over fine-gypseous	loamy over fine-gypseous	
66	No	55	loamy over pumiceous or cindery	loamy over pumiceous or cindery	
67	No	45	loamy over sandy or sandy-skeletal	loamy over sandy or sandy-skeletal	
68	No	33	loamy-skeletal	loamy-skeletal	
69	Yes	37	loamy-skeletal or clayey-skeletal	loamy-skeletal or clayey-skeletal	
70	No	96	loamy-skeletal over cindery	loamy-skeletal over cindery	

NASIS 7.1.4 Domains

Domain Name: taxonomic_family_particle_size

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
71	No	36	loamy-skeletal over clayey	loamy-skeletal over clayey	
72	No	34	loamy-skeletal over fragmental	loamy-skeletal over fragmental	
73	No	113	loamy-skeletal over gypseous-skeletal	loamy-skeletal over gypseous-skeletal	
74	No	35	loamy-skeletal over sandy or sandy-skeletal	loamy-skeletal over sandy or sandy-skeletal	
75	No	10	medial	medial	
76	No	83	medial over ashy	medial over ashy	
77	No	97	medial over ashy-pumiceous or ashy-skeletal	medial over ashy-pumiceous or ashy-skeletal	
78	No	14	medial over clayey	medial over clayey	
79	No	84	medial over clayey-skeletal	medial over clayey-skeletal	
80	No	16	medial over fragmental	medial over fragmental	
81	No	85	medial over hydrous	medial over hydrous	
82	No	18	medial over loamy	medial over loamy	
83	No	20	medial over loamy-skeletal	medial over loamy-skeletal	
84	No	12	medial over pumiceous or cindery	medial over pumiceous or cindery	
85	No	22	medial over sandy or sandy-skeletal	medial over sandy or sandy-skeletal	
86	Yes	23	medial over thixotropic	medial over thixotropic	
87	No	82	medial-pumiceous	medial-pumiceous	
88	No	11	medial-skeletal	medial-skeletal	
89	No	94	medial-skeletal over fragmental or cindery	medial-skeletal over fragmental or cindery	
90	No	100	medial-skeletal over loamy-skeletal	medial-skeletal over loamy-skeletal	
91	No	102	medial-skeletal over sandy or sandy-skeletal	medial-skeletal over sandy or sandy-skeletal	
92	No	2	not used	not used	
93	No	86	pumiceous	pumiceous	
94	No	88	pumiceous or ashy-pumiceous over loamy	pumiceous or ashy-pumiceous over loamy	
95	No	103	pumiceous or ashy-pumiceous over loamy-skeletal	pumiceous or ashy-pumiceous over loamy-skeletal	
96	No	90	pumiceous or ashy-pumiceous over medial	pumiceous or ashy-pumiceous over medial	

NASIS 7.1.4 Domains

Domain Name: taxonomic_family_particle_size

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
97	No	89	pumiceous or ashy-pumiceous over medial-skeletal	pumiceous or ashy-pumiceous over medial-skeletal	
98	No	87	pumiceous or ashy-pumiceous over sandy or sandy-skeletal	pumiceous or ashy-pumiceous over sandy or sandy-skeletal	
99	No	40	sandy	sandy	
100	No	41	sandy or sandy-skeletal	sandy or sandy-skeletal	
101	No	43	sandy over clayey	sandy over clayey	
102	No	42	sandy over loamy	sandy over loamy	
103	No	30	sandy-skeletal	sandy-skeletal	
104	Yes	32	sandy-skeletal over clayey	sandy-skeletal over clayey	
105	No	31	sandy-skeletal over loamy	sandy-skeletal over loamy	
106	Yes	24	thixotropic	thixotropic	
107	Yes	26	thixotropic over fragmental	thixotropic over fragmental	
108	Yes	29	thixotropic over loamy	thixotropic over loamy	
109	Yes	28	thixotropic over loamy-skeletal	thixotropic over loamy-skeletal	
110	Yes	27	thixotropic over sandy or sandy-skeletal	thixotropic over sandy or sandy-skeletal	
111	Yes	25	thixotropic-skeletal	thixotropic-skeletal	
112	Yes	1	unclassified	unclassified	
113	No	70	very-fine	very-fine	

Domain Name: taxonomic_family_reaction

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	3	acid	acid	
2	No	4	allic	allic	
3	No	9	calcareous	calcareous	
4	No	5	dysic	dysic	
5	No	6	euic	euic	
6	No	7	nonacid	nonacid	
7	Yes	8	noncalcareous	noncalcareous	
8	No	2	not used	not used	
9	Yes	1	unclassified	unclassified	

NASIS 7.1.4

Domains

Domain Name: taxonomic_family_temp_class

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	frigid	frigid	
2	No	11	hypergelic	hypergelic	
3	No	2	hyperthermic	hyperthermic	
4	No	3	isofrigid	isofrigid	
5	No	4	isohyperthermic	isohyperthermic	
6	No	5	isomesic	isomesic	
7	No	6	isothermic	isothermic	
8	No	7	mesic	mesic	
9	No	9	not used	not used	
10	No	12	pergelic	pergelic	
11	No	13	subgelic	subgelic	
12	No	8	thermic	thermic	
13	Yes	10	unclassified	unclassified	

Domain Name: taxonomic_great_group

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	278	acraquox	Acraquox	
2	Yes	201	acrohumox	Acrohumox	
3	No	279	acroperox	Acroperox	
4	Yes	205	acrorthox	Acrorthox	
5	No	213	acrotorrox	Acrotorrox	
6	No	280	acrudox	Acrudox	
7	No	217	acrustox	Acrustox	
8	Yes	17	agrudalfs	Agrudalfs	
9	No	281	alaquods	Alaquods	
10	No	1	albaqualfs	Albaqualfs	
11	No	239	albaquults	Albaquults	
12	No	282	alorthods	Alorthods	
13	Yes	137	andaquepts	Andaquepts	
14	No	380	anhyorthels	Anhyorthels	
15	No	388	anhyturbels	Anhyturbels	
16	Yes	348	anthracambids	Anthracambids	
17	No	346	aquicambids	Aquicambids	

NASIS 7.1.4 Domains

Domain Name: taxonomic_great_group

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
18	No	364	aquisalids	Aquisalids	
19	No	389	aquiturbels	Aquiturbels	
20	No	381	aquorthels	Aquorthels	
21	Yes	366	arents	Arents	
22	No	164	argialbolls	Argialbolls	
23	No	166	argiaquolls	Argiaquolls	
24	Yes	172	argiborolls	Argiborolls	
25	No	353	argicryids	Argicryids	
26	No	417	argicryolls	Argicryolls	
27	No	357	argidurids	Argidurids	
28	No	361	argigypsids	Argigypsids	
29	No	382	argiorthels	Argiorthels	
30	No	180	argiudolls	Argiudolls	
31	No	184	argiustolls	Argiustolls	
32	No	191	argixerolls	Argixerolls	
33	Yes	110	borofibrists	Borofibrists	
34	Yes	116	borofolists	Borofolists	
35	Yes	119	borohemists	Borohemists	
36	Yes	126	borosaprists	Borosaprists	
37	No	283	calciaquerts	Calciaquerts	
38	No	167	calciaquolls	Calciaquolls	
39	No	343	calciargids	Calciargids	
40	Yes	173	calciborolls	Calciborolls	
41	No	444	calcicryepts	Calcicryepts	
42	No	354	calcicryids	Calcicryids	
43	No	418	calcicryolls	Calcicryolls	
44	No	362	calcigypsids	Calcigypsids	
45	Yes	74	calciorthids	Calciorthids	
46	No	284	calcitorrerts	Calcitorrerts	
47	No	285	calciudolls	Calciudolls	
48	No	409	calciustepts	Calciustepts	
49	No	286	calciusterts	Calciusterts	
50	No	185	calciustolls	Calciustolls	
51	No	413	calcixerepts	Calcixerepts	
52	No	287	calcixererts	Calcixererts	

NASIS 7.1.4 Domains

Domain Name: taxonomic_great_group

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
53	No	192	calcixerolls	Calcixerolls	
54	Yes	75	cambirthids	Camborthids	
55	Yes	276	chromoxererts	Chromoxererts	
56	Yes	272	chromuderts	Chromuderts	
57	Yes	274	chromusterts	Chromusterts	
58	Yes	130	cryandepts	Cryandepts	
59	No	428	cryaqualfs	Cryaqualfs	
60	No	43	cryaquands	Cryaquands	
61	No	80	cryaquents	Cryaquents	
62	No	138	cryaquepts	Cryaquepts	
63	No	221	cryaquods	Cryaquods	
64	No	168	cryaquolls	Cryaquolls	
65	Yes	11	cryoboralfs	Cryoboralfs	
66	Yes	174	cryoborolls	Cryoborolls	
67	Yes	147	cryochrepts	Cryochrepts	
68	No	111	cryofibrists	Cryofibrists	
69	No	91	cryofluvents	Cryofluvents	
70	No	117	cryofolists	Cryofolists	
71	No	120	cryohemists	Cryohemists	
72	Yes	229	cryohumods	Cryohumods	
73	No	103	cryopsamments	Cryopsamments	
74	No	97	cryorthents	Cryorthents	
75	Yes	234	cryorthods	Cryorthods	
76	No	127	cryosaprists	Cryosaprists	
77	No	422	cryrendolls	Cryrendolls	
78	Yes	160	cryumbrepts	Cryumbrepts	
79	Yes	131	durandepts	Durandepts	
80	No	2	duraqualfs	Duraqualfs	
81	No	44	duraquands	Duraquands	
82	No	288	duraquerts	Duraquerts	
83	No	222	duraquods	Duraquods	
84	No	169	duraquolls	Duraquolls	
85	Yes	69	durargids	Durargids	
86	No	372	duricryands	Duricryands	
87	No	289	duricryods	Duricryods	

NASIS 7.1.4 Domains

Domain Name: taxonomic_great_group

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
88	No	419	duricryolls	Duricryolls	
89	No	290	durihumods	Durihumods	
90	No	373	duritorrands	Duritorrands	
91	No	36	durixeralfs	Durixeralfs	
92	No	414	durixerepts	Durixerepts	
93	No	291	durixererts	Durixererts	
94	No	193	durixerolls	Durixerolls	
95	Yes	148	durochrepts	Durochrepts	
96	Yes	76	durorthids	Durorthids	
97	No	292	durorthods	Durorthods	
98	No	56	durudands	Durudands	
99	No	403	durudepts	Durudepts	
100	No	28	durustalfs	Durustalfs	
101	No	62	durustands	Durustands	
102	No	410	durustepts	Durustepts	
103	No	186	durustolls	Durustolls	
104	Yes	132	dysrandepts	Dysrandepts	
105	No	293	dysraquerts	Dysraquerts	
106	Yes	149	dystrochrepts	Dystrochrepts	
107	No	401	dystrocryepts	Dystrocryepts	
108	No	431	dystrogelepts	Dystrogelepts	
109	Yes	155	dystropepts	Dystropepts	
110	No	415	dystroxerepts	Dystroxerepts	
111	No	404	dystrudepts	Dystrudepts	
112	No	294	dystruderts	Dystruderts	
113	No	411	dystrustepts	Dystrustepts	
114	No	295	dystrusterts	Dystrusterts	
115	No	296	endoaqualfs	Endoaqualfs	
116	No	297	endoaquands	Endoaquands	
117	No	298	endoaquents	Endoaquents	
118	No	299	endoaquepts	Endoaquepts	
119	No	300	endoaquerts	Endoaquerts	
120	No	301	endoaquods	Endoaquods	
121	No	302	endoaquolls	Endoaquolls	
122	No	303	endoaquults	Endoaquults	

NASIS 7.1.4 Domains

Domain Name: taxonomic_great_group

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
123	No	304	epiaqualfs	Epiaqualfs	
124	No	305	epiaquands	Epiaquands	
125	No	306	epiaquents	Epiaquents	
126	No	307	epiaquepts	Epiaquepts	
127	No	308	epiaquerts	Epiaquerts	
128	No	309	epiaquods	Epiaquods	
129	No	310	epiaquolls	Epiaquolls	
130	No	311	epiaquults	Epiaquults	
131	Yes	133	eutrandepts	Eutrandepts	
132	No	312	eutraquox	Eutraquox	
133	Yes	12	eutroboralfs	Eutroboralfs	
134	Yes	150	eutrochrepts	Eutrochrepts	
135	Yes	402	eutrocryepts	Eutrocryepts	
136	Yes	432	eutrogelepts	Eutrogelepts	
137	Yes	156	eutropepts	Eutropepts	
138	No	313	eutroperox	Eutroperox	
139	Yes	206	eutrorthox	Eutrorthox	
140	No	314	eutrotorrox	Eutrotorrox	
141	No	405	eutrudepts	Eutrudepts	
142	No	315	eutrudox	Eutrudox	
143	No	218	eutrustox	Eutrustox	
144	Yes	228	ferrods	Ferrods	
145	No	18	ferrudalfs	Ferrudalfs	
146	No	375	fibristels	Fibristels	
147	No	81	fluvaquents	Fluvaquents	
148	No	446	fluviwassents	Fluviwassents	
149	No	376	folistels	Folistels	
150	No	3	fragiaqualfs	Fragiaqualfs	
151	No	139	fragiaquepts	Fragiaquepts	
152	No	223	fragiaquods	Fragiaquods	
153	No	240	fragiaquults	Fragiaquults	
154	Yes	13	fragiboralfs	Fragiboralfs	
155	No	230	fragihumods	Fragihumods	
156	Yes	151	fragiochrepts	Fragiochrepts	
157	No	235	fragiorthods	Fragiorthods	

NASIS 7.1.4

Domains

Domain Name: taxonomic_great_group

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
158	No	19	fragiudalfs	Fragiudalfs	
159	No	406	fragiudepts	Fragiudepts	
160	No	255	fragiudults	Fragiudults	
161	Yes	161	fragiumbrepts	Fragiumbrepts	
162	No	37	fragixeralfs	Fragixeralfs	
163	No	429	fragixerepts	Fragixerepts	
164	No	20	fraglossudalfs	Fraglossudalfs	
165	No	447	frasiwassents	Fraasiwassents	
166	No	452	frasiwassists	Fraasiwassists	
167	No	49	fulvicryands	Fulvicryands	
168	No	57	fulvudands	Fulvudands	
169	No	433	gelaquands	Gelaquands	
170	No	434	gelaquents	Gelaquents	
171	No	436	gelaquepts	Gelaquepts	
172	Yes	50	gelicryands	Gelicryands	
173	No	435	gelifluvents	Gelifluvents	
174	No	437	gelorthents	Gelorthents	
175	Yes	197	gibbsiaquox	Gibbsiaquox	
176	Yes	202	gibbsihumox	Gibbsihumox	
177	Yes	207	gibbsiorthox	Gibbsiorthox	
178	No	377	glacistels	Glacistels	
179	No	4	glossaqualfs	Glossaqualfs	
180	Yes	14	glossoboralfs	Glossoboralfs	
181	No	369	glossocryalfs	Glossocryalfs	
182	No	21	glossudalfs	Glossudalfs	
183	No	342	gypsiargids	Gypsiargids	
184	No	352	gypticryids	Gypsicryids	
185	Yes	77	gypsiorthids	Gypsiorthids	
186	No	316	gypsitorrerts	Gypsitorrerts	
187	No	317	gypsiusterts	Gypsiusterts	
188	No	140	halaquepts	Halaquepts	
189	Yes	400	haplanthrepts	Haplanthrepts	
190	Yes	45	haplaquands	Haplaquands	
191	Yes	82	haplaquents	Haplaquents	
192	Yes	141	haplaquepts	Haplaquepts	

NASIS 7.1.4 Domains

Domain Name: taxonomic_great_group

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
193	Yes	224	haplaquods	Haplaquods	
194	Yes	170	haplaquolls	Haplaquolls	
195	No	318	haplaquox	Haplaquox	
196	No	70	haplargids	Haplargids	
197	Yes	175	haploborolls	Haploborolls	
198	No	344	haplocalcids	Haplocalcids	
199	No	349	haplocambids	Haplocambids	
200	No	370	haplocryalfs	Haplocryalfs	
201	No	51	haplocryands	Haplocryands	
202	No	445	haplocryepts	Haplocryepts	
203	No	319	haplocryerts	Haplocryerts	
204	No	355	haplocryids	Haplocryids	
205	No	320	haplocryods	Haplocryods	
206	No	420	haplocryolls	Haplocryolls	
207	No	358	haplodurids	Haplodurids	
208	No	395	haplofibrists	Haplofibrists	
209	No	456	haplogelepts	Haplogelepts	
210	No	438	haplogelods	Haplogelods	
211	No	439	haplogelolls	Haplogelolls	
212	No	363	haplogypsids	Haplogypsids	
213	No	396	haplohemists	Haplohemists	
214	No	231	haplohumods	Haplohumods	
215	Yes	203	haplohumox	Haplohumox	
216	No	248	haplohumults	Haplohumults	
217	No	211	haploperox	Haploperox	
218	No	383	haplorthels	Haplorthels	
219	No	236	haplorthods	Haplorthods	
220	Yes	208	haplorthox	Haplorthox	
221	No	365	haplosalids	Haplosalids	
222	No	397	haplosaprists	Haplosaprists	
223	No	374	haplotorrands	Haplotorrands	
224	No	321	haplotorrerts	Haplotorrerts	
225	No	322	haplotorrox	Haplotorrox	
226	No	390	haploturbels	Haploturbels	
227	No	448	haplowassents	Haplowassents	

NASIS 7.1.4 Domains

Domain Name: taxonomic_great_group

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
228	No	453	haplowassists	Haplowassists	
229	No	38	haploxeralfs	Haploxeralfs	
230	No	66	haploxerands	Haploxerands	
231	No	416	haploxerepts	Haploxerepts	
232	No	323	haploxererts	Haploxererts	
233	No	194	haploxerolls	Haploxerolls	
234	No	269	haploxerults	Haploxerults	
235	No	22	hapludalfs	Hapludalfs	
236	No	58	hapludands	Hapludands	
237	Yes	407	hapludepts	Hapludepts	
238	No	324	hapluderts	Hapluderts	
239	No	181	hapludolls	Hapludolls	
240	No	215	hapludox	Hapludox	
241	No	256	hapludults	Hapludults	
242	Yes	162	haplumbrepts	Haplumbrepts	
243	No	29	haplustalfs	Haplustalfs	
244	No	63	haplustands	Haplustands	
245	No	412	haplustepts	Haplustepts	
246	No	325	haplusterts	Haplusterts	
247	No	187	haplustolls	Haplustolls	
248	No	219	haplustox	Haplustox	
249	No	263	haplustults	Haplustults	
250	No	423	haprendolls	Haprendolls	
251	No	378	hemistels	Hemistels	
252	No	384	historthels	Historthels	
253	No	391	histoturbels	Histoturbels	
254	No	142	humaquepts	Humaquepts	
255	No	443	humicryepts	Humicryepts	
256	No	326	humicryerts	Humicryerts	
257	No	327	humicryods	Humicryods	
258	No	455	humigelepts	Humigelepts	
259	No	440	humigelods	Humigelods	
260	Yes	157	humitropepts	Humitropepts	
261	No	459	humixerepts	Humixerepts	
262	No	458	humudepts	Humudepts	

NASIS 7.1.4 Domains

Domain Name: taxonomic_great_group

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
263	No	457	humustepts	Humustepts	
264	Yes	134	hydrandepts	Hydrandepts	
265	No	83	hydraquents	Hydraquents	
266	No	52	hydrocryands	Hydrocryands	
267	No	449	hydrowassents	Hydrowassents	
268	No	59	hydrudands	Hydrudands	
269	No	5	kandiaqualfs	Kandiaqualfs	
270	No	241	kandiaquults	Kandiaquults	
271	No	249	kandihumults	Kandihumults	
272	No	212	kandiperox	Kandiperox	
273	No	23	kandiudalfs	Kandiudalfs	
274	No	216	kandiudox	Kandiudox	
275	No	257	kandiudults	Kandiudults	
276	No	30	kandiustalfs	Kandiustalfs	
277	No	328	kandiustox	Kandiustox	
278	No	264	kandiustults	Kandiustults	
279	No	242	kanhaplaquults	Kanhaplaquults	
280	No	250	kanhaplohumults	Kanhaplohumults	
281	No	24	kanhapludalfs	Kanhapludalfs	
282	No	258	kanhapludults	Kanhapludults	
283	No	31	kanhaplustalfs	Kanhaplustalfs	
284	No	265	kanhaplustults	Kanhaplustults	
285	Yes	112	luvifibrists	Luvifibrists	
286	No	121	luvihemists	Luvihemists	
287	Yes	113	medifibrists	Medifibrists	
288	Yes	329	medifolists	Medifolists	
289	Yes	122	medihemists	Medihemists	
290	Yes	128	medisaprists	Medisaprists	
291	No	46	melanaquands	Melanaquands	
292	No	53	melanocryands	Melanocryands	
293	No	67	melanoxerands	Melanoxerands	
294	No	60	melanudands	Melanudands	
295	No	392	molliturbels	Molliturbels	
296	No	385	mollorthels	Mollorthels	
297	Yes	71	nadurargids	Nadurargids	

NASIS 7.1.4 Domains

Domain Name: taxonomic_great_group

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
298	No	165	natralbolls	Natralbolls	
299	No	6	natraqualfs	Natraqualfs	
300	No	330	natraquerts	Natraquerts	
301	No	171	natraquolls	Natraquolls	
302	No	72	natrargids	Natrargids	
303	Yes	15	natriboralfs	Natriboralfs	
304	Yes	176	natriborolls	Natriborolls	
305	No	421	natricryolls	Natricryolls	
306	No	356	natridurids	Natridurids	
307	No	360	natrigypsids	Natrigypsids	
308	No	39	natrixeralfs	Natrixeralfs	
309	No	195	natrixerolls	Natrixerolls	
310	No	25	natrudalfs	Natrudalfs	
311	No	424	natrudolls	Natrudolls	
312	No	32	natrustalfs	Natrustalfs	
313	No	188	natrustolls	Natrustolls	
314	Yes	7	ochraqualfs	Ochraqualfs	
315	Yes	198	ochraquox	Ochraquox	
316	Yes	243	ochraquults	Ochraquults	
317	No	244	paleaquults	Paleaquults	
318	No	73	paleargids	Paleargids	
319	Yes	16	paleboralfs	Paleboralfs	
320	Yes	177	paleborolls	Paleborolls	
321	No	371	palecryalfs	Palecryalfs	
322	No	430	palecryolls	Palecryolls	
323	No	251	palehumults	Palehumults	
324	Yes	78	paleorthids	Paleorthids	
325	No	26	paleudalfs	Paleudalfs	
326	No	182	paleudolls	Paleudolls	
327	No	259	paleudults	Paleudults	
328	No	33	paleustalfs	Paleustalfs	
329	No	189	paleustolls	Paleustolls	
330	No	266	paleustults	Paleustults	
331	No	40	palexeralfs	Palexeralfs	
332	No	196	palexerolls	Palexerolls	

NASIS 7.1.4 Domains

Domain Name: taxonomic_great_group

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
333	No	270	palexerults	Palexerults	
334	Yes	277	pelloxererts	Pelloxererts	
335	Yes	273	pelluderts	Pelluderts	
336	Yes	275	pellusterts	Pellusterts	
337	No	398	petraquepts	Petraquepts	
338	No	341	petroargids	Petroargids	
339	No	345	petrocalcids	Petrocalcids	
340	No	347	petrocambids	Petrocambids	
341	No	351	petrocryids	Petrocryids	
342	No	359	petrogypsid	Petrogypsid	
343	Yes	135	placandepts	Placandepts	
344	No	47	placaquands	Placaquands	
345	Yes	143	placaquepts	Placaquepts	
346	No	225	placaquods	Placaquods	
347	No	331	placocryods	Placocryods	
348	No	232	placohumods	Placohumods	
349	No	237	placorthods	Placorthods	
350	No	61	placudands	Placudands	
351	Yes	399	plagganthrepts	Plagganthrepts	
352	Yes	154	plaggepts	Plaggepts	
353	No	8	plinthaqualfs	Plinthaqualfs	
354	Yes	144	plinthaquepts	Plinthaquepts	
355	No	199	plinthaquox	Plinthaquox	
356	No	245	plinthaquults	Plinthaquults	
357	No	252	plinthohumults	Plinthohumults	
358	No	41	plinthoxeralfs	Plinthoxeralfs	
359	No	260	plinthudults	Plinthudults	
360	No	34	plinthustalfs	Plinthustalfs	
361	No	267	plinthustults	Plinthustults	
362	No	84	psammaquents	Psammaquents	
363	No	386	psammorthels	Psammorthels	
364	No	393	psammoturbels	Psammoturbels	
365	No	450	psammowassents	Psammowassents	
366	No	104	quartzipsamments	Quartzipsamments	
367	Yes	179	rendolls	Rendolls	

NASIS 7.1.4 Domains

Domain Name: taxonomic_great_group

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
368	No	42	rhodoxeralfs	Rhodoxeralfs	
369	No	27	rhodudalfs	Rhodudalfs	
370	No	261	rhodudults	Rhodudults	
371	No	35	rhodustalfs	Rhodustalfs	
372	No	268	rhodustults	Rhodustults	
373	No	332	salaquerts	Salaquerts	
374	No	350	salicryids	Salicryids	
375	No	333	salitorrerts	Salitorrerts	
376	Yes	79	salorthids	Salorthids	
377	No	334	salusterts	Salusterts	
378	No	379	sapristels	Sapristels	
379	Yes	226	sideraquods	Sideraquods	
380	Yes	204	sombrihumox	Sombrihumox	
381	No	253	sombrihumults	Sombrihumults	
382	Yes	209	sombriorthox	Sombriorthox	
383	No	335	sombriperox	Sombriperox	
384	Yes	158	sombritropepts	Sombritropepts	
385	No	336	sombriudox	Sombriudox	
386	No	220	sombriustox	Sombriustox	
387	No	114	sphagnofibrists	Sphagnofibrists	
388	No	85	sulfaquents	Sulfaquents	
389	No	145	sulfaquepts	Sulfaquepts	
390	No	441	sulfaquerts	Sulfaquerts	
391	No	123	sulfihemists	Sulfihemists	
392	No	337	sulfisaprists	Sulfisaprists	
393	No	451	sulfiwassents	Sulfiwassents	
394	No	454	sulfiwassists	Sulfiwassists	
395	Yes	338	sulfochrepts	Sulfochrepts	
396	No	124	sulfohemists	Sulfohemists	
397	No	339	sulfosaprists	Sulfosaprists	
398	No	408	sulfudepts	Sulfudepts	
399	Yes	271	torrerts	Torrerts	
400	No	87	torriarents	Torriarents	
401	No	92	torrifluvents	Torrifluvents	
402	No	425	torrifolists	Torrifolists	

NASIS 7.1.4 Domains

Domain Name: taxonomic_great_group

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
403	No	98	torriorthents	Torriorthents	
404	No	105	torripsamments	Torripsamments	
405	Yes	214	torrox	Torrox	
406	Yes	9	tropaqualfs	Tropaqualfs	
407	Yes	86	tropaquents	Tropaquents	
408	Yes	146	tropaquepts	Tropaquepts	
409	Yes	227	tropaquods	Tropaquods	
410	Yes	246	tropaquults	Tropaquults	
411	Yes	115	tropofibrists	Tropofibrists	
412	Yes	93	tropofluvents	Tropofluvents	
413	Yes	118	tropofolists	Tropofolists	
414	Yes	125	tropohemists	Tropohemists	
415	Yes	233	tropohumods	Tropohumods	
416	Yes	254	tropohumults	Tropohumults	
417	Yes	106	tropopsamments	Tropopsamments	
418	Yes	99	troporthents	Troporthents	
419	Yes	238	troporthods	Troporthods	
420	Yes	129	troposaprists	Troposaprists	
421	Yes	340	tropudalfs	Tropudalfs	
422	Yes	262	tropudults	Tropudults	
423	Yes	88	udarents	Udarents	
424	No	94	udifluvents	Udifluvents	
425	No	426	udifolists	Udifolists	
426	No	107	udipsamments	Udipsamments	
427	No	64	udivitrands	Udivitrands	
428	No	100	udorthents	Udorthents	
429	Yes	10	umbraqualfs	Umbraqualfs	
430	Yes	200	umbraquox	Umbraquox	
431	No	247	umbraquults	Umbraquults	
432	Yes	210	umbriorthox	Umbriorthox	
433	No	394	umbriturbels	Umbriturbels	
434	No	387	umbrorthels	Umbrorthels	
435	Yes	89	ustarents	Ustarents	
436	No	95	ustifluvents	Ustifluvents	
437	No	427	ustifolists	Ustifolists	

NASIS 7.1.4 Domains

Domain Name: taxonomic_great_group

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
438	No	108	ustipsamments	Ustipsamments	
439	No	65	ustivitrands	Ustivitrands	
440	Yes	152	ustochrepts	Ustochrepts	
441	No	101	ustorthents	Ustorthents	
442	Yes	159	ustropepts	Ustropepts	
443	No	367	vermaqualfs	Vermaqualfs	
444	No	368	vermaquepts	Vermaquepts	
445	Yes	178	vermiborolls	Vermiborolls	
446	No	183	vermudolls	Vermudolls	
447	No	190	vermustolls	Vermustolls	
448	Yes	136	vitrandepts	Vitrandepts	
449	No	48	vitraquands	Vitraquands	
450	No	54	vitricryands	Vitricryands	
451	No	442	vitrigelands	Vitrigelands	
452	No	55	vitritorrands	Vitritorrands	
453	No	68	vitrixerands	Vitrixerands	
454	Yes	90	xerarents	Xerarents	
455	Yes	153	xerochrepts	Xerochrepts	
456	No	96	xerofluents	Xerofluents	
457	No	109	xeropsamments	Xeropsamments	
458	No	102	xerorthents	Xerorthents	
459	Yes	163	xerumbrepts	Xerumbrepts	

Domain Name: taxonomic_moisture_class

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	aquic	Aquic	
2	No	2	aridic (torric)	Aridic (torric)	
3	No	3	peraquic	Peraquic	
4	No	4	perudic	Perudic	
5	No	5	udic	Udic	
6	No	6	ustic	Ustic	
7	No	7	xeric	Xeric	

NASIS 7.1.4 Domains

Domain Name: taxonomic_moisture_subclass

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	aeric	Aeric	
2	No	8	anthraquic	Anthraquic	
3	No	2	aquic	Aquic	
4	No	3	aridic (torric)	Aridic (torric)	
5	No	9	oxyaquic	Oxyaquic	
6	No	4	typic	Typic	
7	No	5	udic	Udic	
8	No	6	ustic	Ustic	
9	No	7	xeric	Xeric	

Domain Name: taxonomic_order

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	alfisols	Alfisols	
2	No	2	andisols	Andisols	
3	No	3	aridisols	Aridisols	
4	No	4	entisols	Entisols	
5	No	12	gelisols	Gelisols	
6	No	5	histosols	Histosols	
7	No	6	inceptisols	Inceptisols	
8	No	7	mollisols	Mollisols	
9	No	8	oxisols	Oxisols	
10	No	9	spodosols	Spodosols	
11	No	10	ultisols	Ultisols	
12	No	11	vertisols	Vertisols	

Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1175	abruptic argiaquolls	Abruptic Argiaquolls	
2	Yes	1217	abruptic argiborolls	Abruptic Argiborolls	
3	No	3340	abruptic argicryolls	Abruptic Argicryolls	
4	No	2491	abruptic argiduridic durixerolls	Abruptic Argiduridic Durixerolls	

NASIS 7.1.4 Domains

Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
5	No	2416	abruptic argidurids	Abruptic Argidurids	
6	No	2869	abruptic argiudolls	Abruptic Argiudolls	
7	Yes	1215	abruptic aridic argiborolls	Abruptic Aridic Argiborolls	
8	Yes	3463	abruptic aridic argixerolls	Abruptic Aridic Argixerolls	
9	Yes	1479	abruptic aridic durixerolls	Abruptic Aridic Durixerolls	
10	Yes	1299	abruptic cryic paleborolls	Abruptic Cryic Paleborolls	
11	Yes	1243	abruptic cryoborolls	Abruptic Cryoborolls	
12	Yes	502	abruptic durargids	Abruptic Durargids	
13	No	246	abruptic durixeralfs	Abruptic Durixeralfs	
14	Yes	1480	abruptic durixerolls	Abruptic Durixerolls	
15	No	245	abruptic haplic durixeralfs	Abruptic Haplic Durixeralfs	
16	Yes	91	abruptic paleboralfs	Abruptic Paleboralfs	
17	Yes	1300	abruptic paleborolls	Abruptic Paleborolls	
18	No	3331	abruptic palecryolls	Abruptic Palecryolls	
19	Yes	1216	abruptic udic argiborolls	Abruptic Udic Argiborolls	
20	No	2415	abruptic xeric argidurids	Abruptic Xeric Argidurids	
21	Yes	501	abruptic xerollic durargids	Abruptic Xerollic Durargids	
22	No	301	acraquoxic duraquands	Acraquoxic Duraquands	
23	No	2778	acraquoxic kandiaquults	Acraquoxic Kandiaquults	
24	No	320	acraquoxic melanaquands	Acraquoxic Melanaquands	
25	Yes	1870	acric kandiaquults	Acric Kandiaquults	
26	Yes	2198	acric plinthic	Acric Plinthic	
27	No	373	acrudoxic durudands	Acrudoxic Durudands	
28	No	381	acrudoxic fulvudands	Acrudoxic Fulvudands	
29	No	343	acrudoxic haplocryands	Acrudoxic Haplocryands	
30	No	400	acrudoxic hapludands	Acrudoxic Hapludands	
31	Yes	379	acrudoxic hydric fulvudands	Acrudoxic Hydric Fulvudands	
32	No	397	acrudoxic hydric hapludands	Acrudoxic Hydric Hapludands	
33	No	427	acrudoxic hydric melanudands	Acrudoxic Hydric Melanudands	
34	Yes	442	acrudoxic hydric placudands	Acrudoxic Hydric Placudands	
35	No	415	acrudoxic hydrudands	Acrudoxic Hydrudands	
36	No	1958	acrudoxic kandiudults	Acrudoxic Kandiudults	
37	No	1972	acrudoxic kanhapludults	Acrudoxic Kanhapludults	
38	No	429	acrudoxic melanudands	Acrudoxic Melanudands	

NASIS 7.1.4 Domains

Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
39	No	443	acrudoxic placudands	Acrudoxic Placudands	
40	No	1957	acrudoxic plinthic kandiudults	Acrudoxic Plinthic Kandiudults	
41	No	398	acrudoxic thaptic hapludands	Acrudoxic Thaptic Hapludands	
42	No	414	acrudoxic thaptic hydrudands	Acrudoxic Thaptic Hydrudands	
43	Yes	380	acrudoxic ultic fulvudands	Acrudoxic Ultic Fulvudands	
44	No	399	acrudoxic ultic hapludands	Acrudoxic Ultic Hapludands	
45	No	428	acrudoxic vitric melanudands	Acrudoxic Vitric Melanudands	
46	No	2015	acrustoxic kandiustults	Acrustoxic Kandiustults	
47	No	2025	acrustoxic kanhaplustults	Acrustoxic Kanhaplustults	
48	No	1537	aeric acraquox	Aeric Acraquox	
49	No	1749	aeric alaquods	Aeric Alaquods	
50	No	2	aeric albaqualfs	Aeric Albaqualfs	
51	No	1853	aeric albaquults	Aeric Albaquults	
52	Yes	2660	aeric andaquepts	Aeric Andaquepts	
53	Yes	2199	aeric arenic	Aeric Arenic	
54	No	2044	aeric calciaquerts	Aeric Calciaquerts	
55	No	1180	aeric calciaquolls	Aeric Calciaquolls	
56	No	2512	aeric chromic vertic epiaqualfs	Aeric Chromic Vertic Epiaqualfs	
57	No	945	aeric cryaquepts	Aeric Cryaquepts	
58	Yes	3465	aeric cryaquods	Aeric Cryaquods	
59	No	2046	aeric duraquerts	Aeric Duraquerts	
60	No	2051	aeric dystraquerts	Aeric Dystraquerts	
61	No	11	aeric endoaqualfs	Aeric Endoaqualfs	
62	No	634	aeric endoaquents	Aeric Endoaquents	
63	No	958	aeric endoaquepts	Aeric Endoaquepts	
64	No	2060	aeric endoaquerts	Aeric Endoaquerts	
65	No	1856	aeric endoaquults	Aeric Endoaquults	
66	No	19	aeric epiaqualfs	Aeric Epiaqualfs	
67	No	640	aeric epiaquents	Aeric Epiaquents	
68	No	966	aeric epiaquepts	Aeric Epiaquepts	
69	No	2070	aeric epiaquerts	Aeric Epiaquerts	

NASIS 7.1.4 Domains

Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
70	No	1860	aeric epiaquults	Aeric Epiaquults	
71	No	1540	aeric eutraquox	Aeric Eutraquox	
72	No	645	aeric fluvaquents	Aeric Fluvaquents	
73	No	3639	aeric fluviwassents	Aeric Fluviwassents	
74	No	27	aeric fragiaqualfs	Aeric Fragiaqualfs	
75	No	969	aeric fragiaquepts	Aeric Fragiaquepts	
76	No	1865	aeric fragiaquults	Aeric Fragiaquults	
77	No	2779	aeric fragic endoaqualfs	Aeric Fragic Endoaqualfs	
78	No	2781	aeric fragic epiaqualfs	Aeric Fragic Epiaqualfs	
79	No	2879	aeric fragic epiaquults	Aeric Fragic Epiaquults	
80	No	2784	aeric fragic glossaqualfs	Aeric Fragic Glossaqualfs	
81	No	3646	aeric frasiwassents	Aeric Frasiwassents	
82	No	31	aeric glossaqualfs	Aeric Glossaqualfs	
83	Yes	2200	aeric grossarenic	Aeric Grossarenic	
84	No	972	aeric halaquepts	Aeric Halaquepts	
85	Yes	2623	aeric haplaquents	Aeric Haplaquents	
86	Yes	2666	aeric haplaquepts	Aeric Haplaquepts	
87	Yes	2695	aeric haplaquods	Aeric Haplaquods	
88	No	1545	aeric haplaquox	Aeric Haplaquox	
89	No	3650	aeric haplowassents	Aeric Haplowassents	
90	No	977	aeric humaquepts	Aeric Humaquepts	
91	No	944	aeric humic cryaquepts	Aeric Humic Cryaquepts	
92	No	37	aeric kandiaqualfs	Aeric Kandiaqualfs	
93	No	1871	aeric kandiaquults	Aeric Kandiaquults	
94	No	1880	aeric kanhaplaquults	Aeric Kanhaplaquults	
95	Yes	2201	aeric mollic	Aeric Mollic	
96	Yes	2585	aeric ochraqualfs	Aeric Ochraqualfs	
97	Yes	2729	aeric ochraquults	Aeric Ochraquults	
98	No	1885	aeric paleaquults	Aeric Paleaquults	
99	No	1550	aeric plinthaquox	Aeric Plinthaquox	
100	Yes	2881	aeric plinthic fragiaquults	Aeric Plinthic Fragiaquults	
101	No	3660	aeric psammowassents	Aeric Psammowassents	
102	No	3666	aeric sulfiwassents	Aeric Sulfiwassents	
103	Yes	3481	aeric tropaqualfs	Aeric Tropaqualfs	
104	Yes	991	aeric tropaquepts	Aeric Tropaquepts	

NASIS 7.1.4 Domains

Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
105	Yes	2707	aeric tropaquods	Aeric Tropaquods	
106	Yes	644	aeric tropic fluvaquents	Aeric Tropic Fluvaquents	
107	No	2909	aeric umbric endoaqualfs	Aeric Umbric Endoaqualfs	
108	No	18	aeric umbric epiaqualfs	Aeric Umbric Epiaqualfs	
109	No	36	aeric umbric kandiaqualfs	Aeric Umbric Kandiaqualfs	
110	No	1879	aeric umbric kanhaplaquults	Aeric Umbric Kanhaplaquults	
111	Yes	2595	aeric umbric ochraqualfs	Aeric Umbric Ochraqualfs	
112	No	2508	aeric vertic albaqualfs	Aeric Vertic Albaqualfs	
113	No	2513	aeric vertic epiaqualfs	Aeric Vertic Epiaqualfs	
114	Yes	2202	aeric xeric	Aeric Xeric	
115	Yes	101	albaquic fragiudalfs	Albaquic Fragiudalfs	
116	No	124	albaquic hapludalfs	Albaquic Hapludalfs	
117	No	166	albaquic paleudalfs	Albaquic Paleudalfs	
118	No	123	albaquultic hapludalfs	Albaquultic Hapludalfs	
119	Yes	1218	albic argiborolls	Albic Argiborolls	
120	Yes	2870	albic argiudolls	Albic Argiudolls	
121	Yes	1449	albic argixerolls	Albic Argixerolls	
122	Yes	1244	albic cryoborolls	Albic Cryoborolls	
123	No	44	albic glossic natraqualfs	Albic Glossic Natraqualfs	
124	No	43	albic natraqualfs	Albic Natraqualfs	
125	Yes	1219	albollic argiborolls	Albollic Argiborolls	
126	No	1750	alfic alaquods	Alfic Alaquods	
127	No	1822	alfic alorthods	Alfic Alorthods	
128	Yes	2203	alfic andeptic	Alfic Andeptic	
129	Yes	3478	alfic andeptic cryorthents	Alfic Andeptic Cryorthents	
130	No	1751	alfic arenic alaquods	Alfic Arenic Alaquods	
131	Yes	2696	alfic arenic haplaquods	Alfic Arenic Haplaquods	
132	No	3344	alfic argicryolls	Alfic Argicryolls	
133	No	3398	alfic argiudolls	Alfic Argiudolls	
134	No	3383	alfic argiustolls	Alfic Argiustolls	
135	No	3372	alfic argixerolls	Alfic Argixerolls	
136	Yes	999	alfic cryochrepts	Alfic Cryochrepts	
137	Yes	2628	alfic cryopsamments	Alfic Cryopsamments	
138	Yes	710	alfic cryorthents	Alfic Cryorthents	
139	No	1775	alfic epiaquods	Alfic Epiaquods	

NASIS 7.1.4 Domains

Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
140	No	1834	alfic fragiorthods	Alfic Fragiorthods	
141	Yes	2589	alfic haplaquods	Alfic Haplaquods	
142	No	1841	alfic haplorthods	Alfic Haplorthods	
143	No	482	alfic haploxerands	Alfic Haploxerands	
144	No	392	alfic hapludands	Alfic Hapludands	
145	No	457	alfic haplustands	Alfic Haplustands	
146	No	483	alfic humic haploxerands	Alfic Humic Haploxerands	
147	No	494	alfic humic vitrixerands	Alfic Humic Vitrixerands	
148	No	1362	alfic lithic argiustolls	Alfic Lithic Argiustolls	
149	No	2873	alfic oxyaquic fragiorthods	Alfic Oxyaquic Fragiorthods	
150	No	2874	alfic oxyaquic haplorthods	Alfic Oxyaquic Haplorthods	
151	Yes	2705	alfic sideraquods	Alfic Sideraquods	
152	Yes	663	alfic udarents	Alfic Udarents	
153	Yes	2587	alfic udipsamments	Alfic Udipsamments	
154	No	469	alfic udivitrands	Alfic Udivitrands	
155	Yes	2592	alfic ustipsamments	Alfic Ustipsamments	
156	No	3396	alfic vertic argiudolls	Alfic Vertic Argiudolls	
157	No	358	alfic vitricryands	Alfic Vitricryands	
158	No	493	alfic vitrixerands	Alfic Vitrixerands	
159	Yes	666	alfic xerarents	Alfic Xerarents	
160	Yes	2630	alfic xeropsamments	Alfic Xeropsamments	
161	Yes	422	alic aquic melanudands	Alic Aquic Melanudands	
162	Yes	2052	alic dystraquerts	Alic Dystraquerts	
163	Yes	2109	alic dystruderts	Alic Dystruderts	
164	No	305	alic endoaquands	Alic Endoaquands	
165	No	313	alic epiaquands	Alic Epiaquands	
166	Yes	377	alic fulvudands	Alfic Fulvudands	
167	Yes	2612	alic haplaquands	Alic Haplaquands	
168	No	341	alic haplocryands	Alic Haplocryands	
169	No	393	alic hapludands	Alic Hapludands	
170	Yes	354	alic melanocryands	Alic Melanocryands	
171	Yes	421	alic melanudands	Alic Melanudands	
172	Yes	423	alic pachic melanudands	Alic Pachic Melanudands	
173	Yes	424	alic thaptic melanudands	Alic Thaptic Melanudands	
174	Yes	2212	andaqueptic	Andaqueptic	

NASIS 7.1.4 Domains

Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
175	Yes	2763	andaqueptic cryaquents	Andaqueptic Cryaquents	
176	Yes	2620	andaqueptic fluvaquents	Andaqueptic Fluvaquents	
177	Yes	2674	andaqueptic haplaquolls	Andaqueptic Haplaquolls	
178	Yes	2596	andaqueptic ochraqualfs	Andaqueptic Ochraqualfs	
179	Yes	2206	andaquic	Andaquic	
180	Yes	2205	andeptic	Andeptic	
181	Yes	2602	andeptic cryoboralfs	Andeptic Cryoboralfs	
182	Yes	2769	andeptic cryoborolls	Andeptic Cryoborolls	
183	Yes	2626	andeptic cryofluvents	Andeptic Cryofluvents	
184	Yes	2766	andeptic cryorthents	Andeptic Cryorthents	
185	Yes	2209	andeptic glossoboric	Andeptic Glossoboric	
186	Yes	2732	andeptic haplohumults	Andeptic Haplohumults	
187	Yes	2733	andeptic palehumults	Andeptic Palehumults	
188	Yes	2627	andeptic udorthents	Andeptic Udorthents	
189	No	3089	andic aquorthels	Andic Aquorthels	
190	Yes	1220	andic argiborolls	Andic Argiborolls	
191	No	3338	andic argicryolls	Andic Argicryolls	
192	No	1322	andic argiudolls	Andic Argiudolls	
193	No	1363	andic argiustolls	Andic Argiustolls	
194	No	1450	andic argixerolls	Andic Argixerolls	
195	Yes	2664	andic cryaquepts	Andic Cryaquepts	
196	No	1760	andic cryaquods	Andic Cryaquods	
197	Yes	54	andic cryoboralfs	Andic Cryoboralfs	
198	Yes	1245	andic cryoborolls	Andic Cryoborolls	
199	Yes	1000	andic cryochrepts	Andic Cryochrepts	
200	No	668	andic cryofluvents	Andic Cryofluvents	
201	Yes	2720	andic cryorthods	Andic Cryorthods	
202	Yes	1132	andic cryumbrepts	Andic Cryumbrepts	
203	No	1767	andic duraquods	Andic Duraquods	
204	No	1788	andic duricryods	Andic Duricryods	
205	No	1817	andic durihumods	Andic Durihumods	
206	No	3217	andic durixerepts	Andic Durixerepts	
207	Yes	1008	andic durochrepts	Andic Durochrepts	
208	No	1832	andic durorthods	Andic Durorthods	
209	No	3264	andic durudepts	Andic Durudepts	

NASIS 7.1.4 Domains

Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
210	Yes	2207	andic dystric	Andic Dystric	
211	Yes	2767	andic dystric eutrochrepts	Andic Dystric Eutrochrepts	
212	Yes	1017	andic dystrochrepts	Andic Dystrochrepts	
213	No	3164	andic dystrocryepts	Andic Dystrocryepts	
214	No	3535	andic dystrogelepts	Andic Dystrogelepts	
215	Yes	1090	andic dystropepts	Andic Dystropepts	
216	No	3237	andic dystroxerepts	Andic Dystroxerepts	
217	No	3299	andic dystrudepts	Andic Dystrudepts	
218	No	3186	andic dystrustepts	Andic Dystrustepts	
219	No	1770	andic endoaquods	Andic Endoaquods	
220	Yes	2208	andic epiaquic	Andic Epiaquic	
221	No	1776	andic epiaquods	Andic Epiaquods	
222	Yes	65	andic eutroboralfs	Andic Eutroboralfs	
223	Yes	1033	andic eutrochrepts	Andic Eutrochrepts	
224	Yes	3153	andic eutrocryepts	Andic Eutrocryepts	
225	Yes	3540	andic eutrogelepts	Andic Eutrogelepts	
226	Yes	1102	andic eutropepts	Andic Eutropepts	
227	No	3277	andic eutrudepts	Andic Eutrudepts	
228	Yes	78	andic fragiboralfs	Andic Fragiboralfs	
229	Yes	1049	andic fragiochrepts	Andic Fragiochrepts	
230	No	2964	andic fragiudalfs	Andic Fragiudalfs	
231	No	3268	andic fragiudepts	Andic Fragiudepts	
232	Yes	1142	andic fragiumbrepts	Andic Fragiumbrepts	
233	No	252	andic fragixeralfs	Andic Fragixeralfs	
234	No	3229	andic fragixerepts	Andic Fragixerepts	
235	No	2962	andic fraglossudalfs	Andic Fraglossudalfs	
236	Yes	83	andic glossoboralfs	Andic Glossoboralfs	
237	No	2921	andic glossocryalfs	Andic Glossocryalfs	
238	No	114	andic glossudalfs	Andic Glossudalfs	
239	Yes	1270	andic haploborolls	Andic Haploborolls	
240	No	2937	andic haplocryalfs	Andic Haplocryalfs	
241	No	3614	andic haplocryepts	Andic Haplocryepts	
242	No	1794	andic haplocryods	Andic Haplocryods	
243	No	3356	andic haplocryolls	Andic Haplocryolls	
244	No	3698	andic haplogelepts	Andic Haplogelepts	

NASIS 7.1.4 Domains

Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
245	No	3576	andic haplogelods	Andic Haplogelods	
246	No	3556	andic haplogelolls	Andic Haplogelolls	
247	No	1813	andic haplohumods	Andic Haplohumods	
248	No	1898	andic haplohumults	Andic Haplohumults	
249	No	1581	andic haploperox	Andic Haploperox	
250	No	1842	andic haplorthods	Andic Haplorthods	
251	No	258	andic haploxeralfs	Andic Haploxeralfs	
252	No	3252	andic haploxerepts	Andic Haploxerepts	
253	No	3594	andic haploxerolls	Andic Haploxerolls	
254	No	2036	andic haploxerults	Andic Haploxerults	
255	No	126	andic hapludalfs	Andic Hapludalfs	
256	No	1338	andic hapludolls	Andic Hapludolls	
257	No	1652	andic hapludox	Andic Hapludox	
258	Yes	1146	andic haplumbrepts	Andic Haplumbrepts	
259	No	3198	andic haplustepts	Andic Haplustepts	
260	No	1399	andic haplustolls	Andic Haplustolls	
261	No	3588	andic humicryepts	Andic Humicryepts	
262	No	1802	andic humicryods	Andic Humicryods	
263	No	3688	andic humigelepts	Andic Humigelepts	
264	No	3572	andic humigelods	Andic Humigelods	
265	Yes	1112	andic humitropepts	Andic Humitropepts	
266	No	3729	andic humixerepts	Andic Humixerepts	
267	No	3707	andic humudepts	Andic Humudepts	
268	No	3721	andic humustepts	Andic Humustepts	
269	No	1907	andic kandihumults	Andic Kandihumults	
270	No	2197	andic kandiperox	Andic Kandiperox	
271	No	1667	andic kandiudox	Andic Kandiudox	
272	No	1949	andic kandiudults	Andic Kandiudults	
273	No	2010	andic kandiustults	Andic Kandiustults	
274	No	1916	andic kanhaplohumults	Andic Kanhaplohumults	
275	No	1968	andic kanhapludults	Andic Kanhapludults	
276	No	2021	andic kanhaplustults	Andic Kanhaplustults	
277	No	3060	andic molliturbels	Andic Molliturbels	
278	No	3105	andic mollorthels	Andic Mollorthels	

NASIS 7.1.4 Domains

Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
279	No	1905	andic ombroaquic kandihumults	Andic Ombroaquic Kandihumults	
280	No	3544	andic oxyaquic dystrudepts	Andic Oxyaquic Dystrudepts	
281	No	3548	andic oxyaquic haploxerepts	Andic Oxyaquic Haploxerepts	
282	No	3706	andic oxyaquic humudepts	Andic Oxyaquic Humudepts	
283	Yes	92	andic paleboralFs	Andic PaleboralFs	
284	No	2910	andic palecryalFs	Andic PalecryalFs	
285	No	1924	andic palehumults	Andic Palehumults	
286	No	2966	andic paleudalFs	Andic PaleudalFs	
287	No	3570	andic paleustolls	Andic Paleustolls	
288	No	277	andic palexeralFs	Andic PalexeralFs	
289	No	3414	andic palexerults	Andic Palexerults	
290	No	1786	andic placaquods	Andic Placaquods	
291	No	1809	andic placocryods	Andic Placocryods	
292	No	1819	andic placohumods	Andic Placohumods	
293	Yes	732	andic troporthents	Andic Troporthents	
294	Yes	2210	andic udic	Andic Udic	
295	No	687	andic udifluvents	Andic Udifluvents	
296	Yes	736	andic udorthents	Andic Udorthents	
297	No	3068	andic umbriturbels	Andic Umbriturbels	
298	No	3113	andic umbrorthels	Andic Umbrorthels	
299	Yes	2211	andic ustic	Andic Ustic	
300	Yes	2768	andic ustic humitropepts	Andic Ustic Humitropepts	
301	Yes	1056	andic ustochrepts	Andic Ustochrepts	
302	Yes	1073	andic xerochrepts	Andic Xerochrepts	
303	No	701	andic xerofluvents	Andic Xerofluvents	
304	Yes	753	andic xerorthents	Andic Xerorthents	
305	Yes	1159	andic xerumbrepts	Andic Xerumbrepts	
306	No	1552	anionic acroperox	Anionic Acroperox	
307	No	1621	anionic acrudox	Anionic Acrudox	
308	No	1685	anionic acrustox	Anionic Acrustox	
309	No	1622	anionic aquic acrudox	Anionic Aquic Acrudox	
310	No	1686	anionic aquic acrustox	Anionic Aquic Acrustox	
311	Yes	1032	anthraquic eutrochrepts	Anthraquic Eutrochrepts	
312	No	3279	anthraquic eutrudepts	Anthraquic Eutrudepts	

NASIS 7.1.4 Domains

Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
313	No	125	anthraquic hapludalfs	Anthraquic Hapludalfs	
314	No	394	anthraquic hapludands	Anthraquic Hapludands	
315	No	3200	anthraquic haplustepts	Anthraquic Haplustepts	
316	No	1398	anthraquic haplustolls	Anthraquic Haplustolls	
317	No	425	anthraquic melanudands	Anthraquic Melanudands	
318	No	167	anthraquic paleudalfs	Anthraquic Paleudalfs	
319	No	1980	anthraquic paleudults	Anthraquic Paleudults	
320	No	694	anthraquic ustifluvents	Anthraquic Ustifluvents	
321	Yes	1055	anthraquic ustochrepts	Anthraquic Ustochrepts	
322	No	743	anthraquic ustorthents	Anthraquic Ustorthents	
323	Yes	584	anthropic camborthids	Anthropic Camborthids	
324	No	1906	anthropic kandihumults	Anthropic Kandihumults	
325	No	1915	anthropic kanhaplohumults	Anthropic Kanhaplohumults	
326	Yes	3446	anthropic paleudalfs	Anthropic Paleudalfs	
327	No	674	anthropic torrifluvents	Anthropic Torrifluvents	
328	Yes	3464	aqualfic argixerolls	Aqualfic Argixerolls	
329	No	1845	aqualfic haplorthods	Aqualfic Haplorthods	
330	No	3	aquandic albaqualfs	Aquandic Albaqualfs	
331	No	1167	aquandic argialbolls	Aquandic Argialbolls	
332	No	632	aquandic cryaquents	Aquandic Cryaquents	
333	No	946	aquandic cryaquepts	Aquandic Cryaquepts	
334	No	1183	aquandic cryaquolls	Aquandic Cryaquolls	
335	No	1789	aquandic duricryods	Aquandic Duricryods	
336	No	3216	aquandic durixerepts	Aquandic Durixerepts	
337	Yes	1009	aquandic durochrepts	Aquandic Durochrepts	
338	No	3263	aquandic durudepts	Aquandic Durudepts	
339	Yes	1018	aquandic dystrochrepts	Aquandic Dystrochrepts	
340	No	3625	aquandic dystrocryepts	Aquandic Dystrocryepts	
341	No	3236	aquandic dystroxerepts	Aquandic Dystroxerepts	
342	No	3298	aquandic dystrudepts	Aquandic Dystrudepts	
343	No	12	aquandic endoaqualfs	Aquandic Endoaqualfs	
344	No	959	aquandic endoaquepts	Aquandic Endoaquepts	
345	No	1196	aquandic endoaquolls	Aquandic Endoaquolls	
346	No	20	aquandic epiaqualfs	Aquandic Epiaqualfs	
347	No	3146	aquandic epiaquepts	Aquandic Epiaquepts	

NASIS 7.1.4 Domains

Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
348	No	1205	aquandic epiaquolls	Aquandic Epiaquolls	
349	No	646	aquandic fluvaquents	Aquandic Fluvaquents	
350	No	3529	aquandic gelaquepts	Aquandic Gelaquepts	
351	No	115	aquandic glossudalFs	Aquandic GlossudalFs	
352	No	973	aquandic halaquepts	Aquandic Halaquepts	
353	Yes	2675	aquandic haplaquolls	Aquandic Haplaquolls	
354	No	3609	aquandic haplocryepts	Aquandic Haplocryepts	
355	No	1795	aquandic haplocryods	Aquandic Haplocryods	
356	No	3407	aquandic haplohumults	Aquandic Haplohumults	
357	No	259	aquandic haploxeralFs	Aquandic HaploxeralFs	
358	No	3251	aquandic haploxerepts	Aquandic Haploxerepts	
359	Yes	3467	aquandic hapludults	Aquandic Hapludults	
360	Yes	1147	aquandic haplumbrepts	Aquandic Haplumbrepts	
361	No	978	aquandic humaquepts	Aquandic Humaquepts	
362	No	3585	aquandic humicryepts	Aquandic Humicryepts	
363	No	1803	aquandic humicryods	Aquandic Humicryods	
364	No	3728	aquandic humixerepts	Aquandic Humixerepts	
365	No	3705	aquandic humudepts	Aquandic Humudepts	
366	No	1950	aquandic kandiudults	Aquandic Kandiudults	
367	No	1881	aquandic kanhaplaquults	Aquandic Kanhaplaquults	
368	No	3405	aquandic palehumults	Aquandic Palehumults	
369	No	278	aquandic palexeralFs	Aquandic PalexeralFs	
370	No	3412	aquandic palexerults	Aquandic Palexerults	
371	Yes	984	aquandic placaquepts	Aquandic Placaquepts	
372	Yes	992	aquandic tropaquepts	Aquandic Tropaquepts	
373	Yes	49	aquandic umbraqualFs	Aquandic UmbraqualFs	
374	Yes	1074	aquandic xerochrepts	Aquandic Xerochrepts	
375	No	702	aquandic xerofluvents	Aquandic Xerofluvents	
376	Yes	754	aquandic xerorthents	Aquandic Xerorthents	
377	Yes	2744	aquentic chromuderts	Aquentic Chromuderts	
378	Yes	607	aquentic durorthids	Aquentic Durorthids	
379	Yes	3479	aquentic fragiorthods	Aquentic Fragiorthods	
380	No	1843	aquentic haplorthods	Aquentic Haplorthods	
381	Yes	102	aqueptic fragiudalFs	Aqueptic FragiudalFs	
382	No	1717	aqueptic haplustox	Aqueptic Haplustox	

NASIS 7.1.4 Domains

Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
383	Yes	2526	aquertic argiborolls	Aquertic Argiborolls	
384	No	1324	aquertic argiudolls	Aquertic Argiudolls	
385	No	3564	aquertic argiustolls	Aquertic Argiustolls	
386	No	2515	aquertic chromic hapludalfs	Aquertic Chromic Hapludalfs	
387	Yes	2791	aquertic eutroboralfs	Aquertic Eutroboralfs	
388	Yes	1104	aquertic eutropepts	Aquertic Eutropepts	
389	No	3275	aquertic eutrudepts	Aquertic Eutrudepts	
390	No	2968	aquertic glossudalfs	Aquertic Glossudalfs	
391	Yes	2861	aquertic haploborolls	Aquertic Haploborolls	
392	No	132	aquertic hapludalfs	Aquertic Hapludalfs	
393	No	1340	aquertic hapludolls	Aquertic Hapludolls	
394	No	2518	aquertic haplustalfs	Aquertic Haplustalfs	
395	No	3568	aquertic haplustolls	Aquertic Haplustolls	
396	Yes	1114	aquertic humitropepts	Aquertic Humitropepts	
397	No	2818	aquertic natrustalfs	Aquertic Natrustalfs	
398	No	2520	aquertic paleustalfs	Aquertic Paleustalfs	
399	No	2836	aquertic udifluvents	Aquertic Udifluvents	
400	No	2838	aquertic ustifluvents	Aquertic Ustifluvents	
401	No	1553	aquic acroperox	Aquic Acroperox	
402	No	1623	aquic acrudox	Aquic Acrudox	
403	No	1687	aquic acrustox	Aquic Acrustox	
404	Yes	2213	aquic anionic	Aquic Anionic	
405	Yes	67	aquic arenic eutroboralfs	Aquic Arenic Eutroboralfs	
406	No	3495	aquic arenic glossudalfs	Aquic Arenic Glossudalfs	
407	No	128	aquic arenic hapludalfs	Aquic Arenic Hapludalfs	
408	No	2882	aquic arenic hapludults	Aquic Arenic Hapludults	
409	No	184	aquic arenic haplustalfs	Aquic Arenic Haplustalfs	
410	No	1952	aquic arenic kandiudults	Aquic Arenic Kandiudults	
411	No	199	aquic arenic kandiustalfs	Aquic Arenic Kandiustalfs	
412	No	215	aquic arenic natrustalfs	Aquic Arenic Natrustalfs	
413	No	1982	aquic arenic paleudults	Aquic Arenic Paleudults	
414	No	224	aquic arenic paleustalfs	Aquic Arenic Paleustalfs	
415	Yes	1221	aquic argiborolls	Aquic Argiborolls	
416	No	3341	aquic argicryolls	Aquic Argicryolls	
417	No	2414	aquic argidurids	Aquic Argidurids	

NASIS 7.1.4 Domains

Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
418	No	1323	aquic argiudolls	Aquic Argiudolls	
419	No	1364	aquic argiustolls	Aquic Argiustolls	
420	No	1451	aquic argixerolls	Aquic Argixerolls	
421	No	2254	aquic calciargids	Aquic Calciargids	
422	Yes	1236	aquic calciborolls	Aquic Calciborolls	
423	Yes	569	aquic calciorthids	Aquic Calciorthids	
424	No	1334	aquic calciudolls	Aquic Calciudolls	
425	No	3181	aquic calciustepts	Aquic Calciustepts	
426	No	1379	aquic calciustolls	Aquic Calciustolls	
427	No	3227	aquic calcixerepts	Aquic Calcixerepts	
428	No	1471	aquic calcixerolls	Aquic Calcixerolls	
429	Yes	585	aquic camborthids	Aquic Camborthids	
430	Yes	2757	aquic chromoxererts	Aquic Chromoxererts	
431	Yes	2745	aquic chromuderts	Aquic Chromuderts	
432	Yes	55	aquic cryoboralfs	Aquic Cryoboralfs	
433	Yes	1246	aquic cryoborolls	Aquic Cryoborolls	
434	Yes	1001	aquic cryochrepts	Aquic Cryochrepts	
435	No	669	aquic cryofluvents	Aquic Cryofluvents	
436	No	763	aquic cryopsamments	Aquic Cryopsamments	
437	No	711	aquic cryorthents	Aquic Cryorthents	
438	Yes	1133	aquic cryumbrepts	Aquic Cryumbrepts	
439	Yes	2531	aquic cumulic cryoborolls	Aquic Cumulic Cryoborolls	
440	Yes	2532	aquic cumulic haploborolls	Aquic Cumulic Haploborolls	
441	No	3358	aquic cumulic haplocryolls	Aquic Cumulic Haplocryolls	
442	No	2535	aquic cumulic haploxerolls	Aquic Cumulic Haploxerolls	
443	No	2533	aquic cumulic hapludolls	Aquic Cumulic Hapludolls	
444	No	2534	aquic cumulic haplustolls	Aquic Cumulic Haplustolls	
445	Yes	503	aquic durargids	Aquic Durargids	
446	Yes	570	aquic duric calciorthids	Aquic Duric Calciorthids	
447	Yes	586	aquic duric camborthids	Aquic Duric Camborthids	
448	No	1493	aquic duric haploxerolls	Aquic Duric Haploxerolls	
449	No	396	aquic duric hapludands	Aquic Duric Hapludands	
450	No	1522	aquic duric natrixerolls	Aquic Duric Natrixerolls	
451	Yes	2893	aquic duric torriorthents	Aquic Duric Torriorthents	
452	No	3469	aquic duricryands	Aquic Duricryands	

NASIS 7.1.4 Domains

Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
453	No	1790	aquic duricryods	Aquic Duricryods	
454	No	2317	aquic durinodic haplocalcids	Aquic Durinodic Haplocalcids	
455	No	2569	aquic durinodic xeropsamments	Aquic Durinodic Xeropsamments	
456	Yes	2565	aquic durinodic xerorthents	Aquic Durinodic Xerorthents	
457	No	247	aquic durixeralfs	Aquic Durixeralfs	
458	No	3219	aquic durixerepts	Aquic Durixerepts	
459	No	2178	aquic durixererts	Aquic Durixererts	
460	No	1481	aquic durixerolls	Aquic Durixerolls	
461	Yes	1010	aquic durochrepts	Aquic Durochrepts	
462	Yes	718	aquic durorthidic torriorthents	Aquic Durorthidic Torriorthents	
463	Yes	806	aquic durorthidic xeropsamments	Aquic Durorthidic Xeropsamments	
464	Yes	756	aquic durorthidic xerorthents	Aquic Durorthidic Xerorthents	
465	Yes	608	aquic durorthids	Aquic Durorthids	
466	No	372	aquic durudands	Aquic Durudands	
467	No	3266	aquic durudepts	Aquic Durudepts	
468	No	453	aquic durustands	Aquic Durustands	
469	Yes	2638	aquic dystrandeps	Aquic Dystrandeps	
470	Yes	1035	aquic dystric eutrochrepts	Aquic Dystric Eutrochrepts	
471	No	3282	aquic dystric eutrudepts	Aquic Dystric Eutrudepts	
472	Yes	1076	aquic dystric xerochrepts	Aquic Dystric Xerochrepts	
473	Yes	1019	aquic dystrochrepts	Aquic Dystrochrepts	
474	No	3166	aquic dystrocryepts	Aquic Dystrocryepts	
475	No	3536	aquic dystrogelepts	Aquic Dystrogelepts	
476	Yes	1091	aquic dystropepts	Aquic Dystropepts	
477	No	3241	aquic dystroxerepts	Aquic Dystroxerepts	
478	No	3304	aquic dystrudepts	Aquic Dystrudepts	
479	No	2110	aquic dystruderts	Aquic Dystruderts	
480	No	3188	aquic dystrustepts	Aquic Dystrustepts	
481	No	2133	aquic dystrusterts	Aquic Dystrusterts	
482	Yes	66	aquic eutroboralfs	Aquic Eutroboralfs	
483	Yes	1034	aquic eutrochrepts	Aquic Eutrochrepts	
484	Yes	3155	aquic eutrocryepts	Aquic Eutrocryepts	
485	Yes	3541	aquic eutrogelepts	Aquic Eutrogelepts	

NASIS 7.1.4 Domains

Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
486	Yes	1103	aquic eutropepts	Aquic Eutropepts	
487	No	1565	aquic eutroperox	Aquic Eutroperox	
488	No	3283	aquic eutrudepts	Aquic Eutrudepts	
489	No	1636	aquic eutrudox	Aquic Eutrudox	
490	No	1700	aquic eustrustox	Aquic Eustrustox	
491	No	99	aquic ferrudalfs	Aquic Ferrudalfs	
492	Yes	79	aquic fragiboralfs	Aquic Fragiboralfs	
493	Yes	1050	aquic fragiochrepts	Aquic Fragiochrepts	
494	No	1835	aquic fragiorthods	Aquic Fragiorthods	
495	No	103	aquic fragiudalfs	Aquic Fragiudalfs	
496	No	3270	aquic fragiudepts	Aquic Fragiudepts	
497	No	1930	aquic fragiudults	Aquic Fragiudults	
498	Yes	1143	aquic fragiumbrepts	Aquic Fragiumbrepts	
499	No	253	aquic fragixeralfs	Aquic Fragixeralfs	
500	No	3231	aquic fragixerepts	Aquic Fragixerepts	
501	No	111	aquic fraglossudalfs	Aquic Fraglossudalfs	
502	No	378	aquic fulvudands	Aquic Fulvudands	
503	No	3520	aquic gelifluvents	Aquic Gelifluvents	
504	No	3668	aquic gelorthents	Aquic Gelorthents	
505	Yes	84	aquic glossoboralfs	Aquic Glossoboralfs	
506	No	2923	aquic glossocryalfs	Aquic Glossocryalfs	
507	No	116	aquic glossudalfs	Aquic Glossudalfs	
508	No	2265	aquic gypsiargids	Aquic Gypsiargids	
509	No	512	aquic haplargids	Aquic Haplargids	
510	Yes	534	aquic haplic nadurargids	Aquic Haplic Nadurargids	
511	Yes	1271	aquic haploborolls	Aquic Haploborolls	
512	No	2318	aquic haplocalcids	Aquic Haplocalcids	
513	No	2939	aquic haplocryalfs	Aquic Haplocryalfs	
514	No	342	aquic haplocryands	Aquic Haplocryands	
515	No	3617	aquic haplocryepts	Aquic Haplocryepts	
516	No	1796	aquic haplocryods	Aquic Haplocryods	
517	No	3361	aquic haplocryolls	Aquic Haplocryolls	
518	Yes	2560	aquic haploduridic torriorthents	Aquic Haploduridic Torriorthents	
519	No	2425	aquic haplodurids	Aquic Haplodurids	

NASIS 7.1.4 Domains

Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
520	No	3699	aquic haplogelepts	Aquic Haplogelepts	
521	No	3577	aquic haplogelods	Aquic Haplogelods	
522	No	3557	aquic haplogelolls	Aquic Haplogelolls	
523	No	1899	aquic haplohumults	Aquic Haplohumults	
524	No	1582	aquic haploperox	Aquic Haploperox	
525	No	3128	aquic haplorthels	Aquic Haplorthels	
526	No	1844	aquic haplorthods	Aquic Haplorthods	
527	No	3079	aquic haploturbels	Aquic Haploturbels	
528	No	260	aquic haploxeralfs	Aquic Haploxeralfs	
529	No	484	aquic haploxerands	Aquic Haploxerands	
530	No	3255	aquic haploxerepts	Aquic Haploxerepts	
531	No	2186	aquic haploxererts	Aquic Haploxererts	
532	No	1492	aquic haploxerolls	Aquic Haploxerolls	
533	No	2037	aquic haploxerults	Aquic Haploxerults	
534	No	127	aquic hapludalfs	Aquic Hapludalfs	
535	No	395	aquic hapludands	Aquic Hapludands	
536	No	2116	aquic hapluderts	Aquic Hapluderts	
537	No	1339	aquic hapludolls	Aquic Hapludolls	
538	No	1653	aquic hapludox	Aquic Hapludox	
539	No	1938	aquic hapludults	Aquic Hapludults	
540	Yes	1148	aquic haplumbrepts	Aquic Haplumbrepts	
541	No	183	aquic haplustalfs	Aquic Haplustalfs	
542	No	458	aquic haplustands	Aquic Haplustands	
543	No	3201	aquic haplustepts	Aquic Haplustepts	
544	No	1400	aquic haplustolls	Aquic Haplustolls	
545	No	1718	aquic haplustox	Aquic Haplustox	
546	No	2002	aquic haplustults	Aquic Haplustults	
547	No	3303	aquic humic dystrudepts	Aquic Humic Dystrudepts	
548	No	3591	aquic humicryepts	Aquic Humicryepts	
549	No	1804	aquic humicryods	Aquic Humicryods	
550	No	3689	aquic humigelepts	Aquic Humigelepts	
551	No	3573	aquic humigelods	Aquic Humigelods	
552	Yes	1113	aquic humitropepts	Aquic Humitropepts	
553	No	3731	aquic humixerepts	Aquic Humixerepts	
554	No	3710	aquic humudepts	Aquic Humudepts	

NASIS 7.1.4 Domains

Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
555	No	349	aquic hydrocryands	Aquic Hydrocryands	
556	No	413	aquic hydrudands	Aquic Hydrudands	
557	No	1908	aquic kandihumults	Aquic Kandihumults	
558	No	1595	aquic kandiperox	Aquic Kandiperox	
559	No	146	aquic kandiudalfts	Aquic Kandiudalfts	
560	No	1668	aquic kandiudox	Aquic Kandiudox	
561	No	1951	aquic kandiudults	Aquic Kandiudults	
562	No	198	aquic kandiustalfts	Aquic Kandiustalfts	
563	No	1732	aquic kandiustox	Aquic Kandiustox	
564	No	2011	aquic kandiustults	Aquic Kandiustults	
565	No	1917	aquic kanhaplohumults	Aquic Kanhaplohumults	
566	No	157	aquic kanhapludalfts	Aquic Kanhapludalfts	
567	No	1969	aquic kanhapludults	Aquic Kanhapludults	
568	No	208	aquic kanhaplustalfts	Aquic Kanhaplustalfts	
569	No	2022	aquic kanhaplustults	Aquic Kanhaplustults	
570	No	1554	aquic lithic acroperox	Aquic Lithic Acroperox	
571	No	1624	aquic lithic acrudox	Aquic Lithic Acrudox	
572	No	1688	aquic lithic acrustox	Aquic Lithic Acrustox	
573	No	1566	aquic lithic eutroperox	Aquic Lithic Eutroperox	
574	No	1637	aquic lithic eutrudox	Aquic Lithic Eutrudox	
575	No	1701	aquic lithic eustrustox	Aquic Lithic Eustrustox	
576	No	1583	aquic lithic haploperox	Aquic Lithic Haploperox	
577	Yes	129	aquic lithic hapludalfts	Aquic Lithic Hapludalfts	
578	No	1654	aquic lithic hapludox	Aquic Lithic Hapludox	
579	No	1719	aquic lithic haplustox	Aquic Lithic Haplustox	
580	No	1596	aquic lithic kandiperox	Aquic Lithic Kandiperox	
581	No	1669	aquic lithic kandiudox	Aquic Lithic Kandiudox	
582	No	1733	aquic lithic kandiustox	Aquic Lithic Kandiustox	
583	No	426	aquic melanudands	Aquic Melanudands	
584	No	3063	aquic molliturbels	Aquic Molliturbels	
585	No	3108	aquic mollorthels	Aquic Mollorthels	
586	Yes	533	aquic nadurargids	Aquic Nadurargids	
587	No	2434	aquic natrargidic natridurids	Aquic Natrargidic Natridurids	
588	No	540	aquic natrargids	Aquic Natrargids	
589	No	2435	aquic natridurids	Aquic Natridurids	

NASIS 7.1.4 Domains

Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
590	No	274	aquic natrixeralfs	Aquic Natrixeralfs	
591	No	1521	aquic natrixerolls	Aquic Natrixerolls	
592	No	2961	aquic natrudalfs	Aquic Natrudalfs	
593	No	214	aquic natrustalfs	Aquic Natrustalfs	
594	No	1424	aquic natrustolls	Aquic Natrustolls	
595	No	3560	aquic pachic argiudolls	Aquic Pachic Argiudolls	
596	No	3562	aquic pachic hapludolls	Aquic Pachic Hapludolls	
597	No	3563	aquic pachic paleudolls	Aquic Pachic Paleudolls	
598	No	2295	aquic paleargids	Aquic Paleargids	
599	Yes	93	aquic paleboralfs	Aquic Paleboralfs	
600	Yes	1301	aquic paleborolls	Aquic Paleborolls	
601	No	2912	aquic palecryalfs	Aquic Palecryalfs	
602	No	3329	aquic palecryolls	Aquic Palecryolls	
603	No	1925	aquic palehumults	Aquic Palehumults	
604	Yes	623	aquic paleorthids	Aquic Paleorthids	
605	No	168	aquic paleudalfs	Aquic Paleudalfs	
606	No	1352	aquic paleudolls	Aquic Paleudolls	
607	No	1981	aquic paleudults	Aquic Paleudults	
608	No	223	aquic paleustalfs	Aquic Paleustalfs	
609	No	1431	aquic paleustolls	Aquic Paleustolls	
610	No	279	aquic pallexeralfs	Aquic Pallexeralfs	
611	No	1527	aquic pallexerolls	Aquic Pallexerolls	
612	No	3413	aquic palxerults	Aquic Palxerults	
613	No	2332	aquic petrocalcids	Aquic Petrocalcids	
614	No	1555	aquic petroferric acroperox	Aquic Petroferric Acroperox	
615	No	1625	aquic petroferric acrudox	Aquic Petroferric Acrudox	
616	No	1689	aquic petroferric acrustox	Aquic Petroferric Acrustox	
617	No	1567	aquic petroferric eutroperox	Aquic Petroferric Eutroperox	
618	No	1638	aquic petroferric eutrudox	Aquic Petroferric Eutrudox	
619	No	1702	aquic petroferric eustrustox	Aquic Petroferric Eustrustox	
620	No	1584	aquic petroferric haploperox	Aquic Petroferric Haploperox	
621	No	1655	aquic petroferric hapludox	Aquic Petroferric Hapludox	
622	No	1720	aquic petroferric haplustox	Aquic Petroferric Haplustox	
623	No	1597	aquic petroferric kandiperox	Aquic Petroferric Kandiperox	
624	No	1670	aquic petroferric kandiudox	Aquic Petroferric Kandiudox	

NASIS 7.1.4 Domains

Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
625	No	1734	aquic petroferric kandiustox	Aquic Petroferric Kandiustox	
626	No	441	aquic placudands	Aquic Placudands	
627	Yes	2214	aquic psammentic	Aquic Psammentic	
628	No	770	aquic quartzipsamments	Aquic Quartzipsamments	
629	No	2411	aquic salicryids	Aquic Salicryids	
630	No	2104	aquic salitorrerts	Aquic Salitorrerts	
631	No	2163	aquic salusterts	Aquic Salusterts	
632	No	675	aquic torrifluvents	Aquic Torrifluvents	
633	No	717	aquic torriorthents	Aquic Torriorthents	
634	Yes	789	aquic tropopsamments	Aquic Tropopsamments	
635	Yes	2604	aquic tropudalfs	Aquic Tropudalfs	
636	Yes	2772	aquic tropudults	Aquic Tropudults	
637	No	688	aquic udifluvents	Aquic Udifluvents	
638	No	793	aquic udipsamments	Aquic Udipsamments	
639	No	470	aquic udivitrands	Aquic Udivitrands	
640	No	737	aquic udorthents	Aquic Udorthents	
641	No	3071	aquic umbriturbels	Aquic Umbriturbels	
642	No	3116	aquic umbrothels	Aquic Umbrothels	
643	No	695	aquic ustifluvents	Aquic Ustifluvents	
644	No	800	aquic ustipsamments	Aquic Ustipsamments	
645	No	476	aquic ustivitrands	Aquic Ustivitrands	
646	Yes	1057	aquic ustochrepts	Aquic Ustochrepts	
647	No	744	aquic ustorthents	Aquic Ustorthents	
648	Yes	1125	aquic ustropepts	Aquic Ustropepts	
649	No	1443	aquic vermustolls	Aquic Vermustolls	
650	Yes	2653	aquic vitrandepts	Aquic Vitrandepts	
651	No	359	aquic vitricryands	Aquic Vitricryands	
652	No	366	aquic vitritorrands	Aquic Vitritorrands	
653	No	495	aquic vitrixerands	Aquic Vitrixerands	
654	Yes	1075	aquic xerochrepts	Aquic Xerochrepts	
655	No	703	aquic xerofluvents	Aquic Xerofluvents	
656	No	805	aquic xeropsamments	Aquic Xeropsamments	
657	No	755	aquic xerorthents	Aquic Xerorthents	
658	Yes	1160	aquic xerumbrepts	Aquic Xerumbrepts	
659	No	2424	aquicambidic haplodurids	Aquicambidic Haplodurids	

NASIS 7.1.4 Domains

Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
660	No	771	aquodic quartzipsamments	Aquodic Quartzipsamments	
661	No	130	aquollic hapludalfs	Aquollic Hapludalfs	
662	Yes	630	aquollic salorthids	Aquollic Salorthids	
663	No	1452	aquultic argixerolls	Aquultic Argixerolls	
664	No	261	aquultic haploxeralfs	Aquultic Haploxeralfs	
665	No	1494	aquultic haploxerolls	Aquultic Haploxerolls	
666	No	131	aquultic hapludalfs	Aquultic Hapludalfs	
667	No	185	aquultic haplustalfs	Aquultic Haplustalfs	
668	No	1753	arenic alaquods	Arenic Alaquods	
669	No	4	arenic albaqualfs	Arenic Albaqualfs	
670	No	1824	arenic alorthods	Arenic Alorthods	
671	No	1176	arenic argiaquolls	Arenic Argiaquolls	
672	Yes	1223	arenic argiborolls	Arenic Argiborolls	
673	No	3397	arenic argiudolls	Arenic Argiudolls	
674	No	186	arenic aridic haplustalfs	Arenic Aridic Haplustalfs	
675	No	200	arenic aridic kandiusalfs	Arenic Aridic Kandiusalfs	
676	No	225	arenic aridic paleustalfs	Arenic Aridic Paleustalfs	
677	Yes	3461	arenic aridic paleustolls	Arenic Aridic Paleustolls	
678	No	2256	arenic calciargids	Arenic Calciargids	
679	No	13	arenic endoaqualfs	Arenic Endoaqualfs	
680	No	1857	arenic endoaquults	Arenic Endoaquults	
681	No	21	arenic epiaqualfs	Arenic Epiaqualfs	
682	No	1861	arenic epiaquults	Arenic Epiaquults	
683	Yes	68	arenic eutroboralfs	Arenic Eutroboralfs	
684	Yes	1036	arenic eutrochrepts	Arenic Eutrochrepts	
685	No	3289	arenic eutrudepts	Arenic Eutrudepts	
686	No	1931	arenic fragiudults	Arenic Fragiudults	
687	No	32	arenic glossaqualfs	Arenic Glossaqualfs	
688	No	117	arenic glossudalfs	Arenic Glossudalfs	
689	Yes	2697	arenic haplaquods	Arenic Haplaquods	
690	No	515	arenic haplargids	Arenic Haplargids	
691	Yes	2712	arenic haplohumods	Arenic Haplohumods	
692	No	2038	arenic haploxerults	Arenic Haploxerults	
693	No	133	arenic hapludalfs	Arenic Hapludalfs	
694	No	1939	arenic hapludults	Arenic Hapludults	

NASIS 7.1.4 Domains

Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
695	No	188	arenic haplustalfts	Arenic Haplustalfts	
696	No	2003	arenic haplustults	Arenic Haplustults	
697	No	38	arenic kandiaqualfs	Arenic Kandiaqualfs	
698	No	1874	arenic kandiaquults	Arenic Kandiaquults	
699	No	148	arenic kandiudalfts	Arenic Kandiudalfts	
700	No	1956	arenic kandiudults	Arenic Kandiudults	
701	No	202	arenic kandiustalfts	Arenic Kandiustalfts	
702	No	2014	arenic kandiustults	Arenic Kandiustults	
703	No	1971	arenic kanhapludults	Arenic Kanhapludults	
704	No	2024	arenic kanhaplustults	Arenic Kanhaplustults	
705	No	216	arenic natrustalfts	Arenic Natrustalfts	
706	Yes	2597	arenic ochraqualfs	Arenic Ochraqualfs	
707	Yes	2730	arenic ochraquults	Arenic Ochraquults	
708	Yes	2215	arenic orthoxic	Arenic Orthoxic	
709	Yes	2792	arenic oxyaquic eutroboralfts	Arenic Oxyaquic Eutroboralfts	
710	No	3496	arenic oxyaquic glossudalfts	Arenic Oxyaquic Glossudalfts	
711	No	3497	arenic oxyaquic hapludalfts	Arenic Oxyaquic Hapludalfts	
712	No	1888	arenic paleaquults	Arenic Paleaquults	
713	No	2297	arenic paleargids	Arenic Paleargids	
714	No	170	arenic paleudalfts	Arenic Paleudalfts	
715	No	1986	arenic paleudults	Arenic Paleudults	
716	No	227	arenic paleustalfts	Arenic Paleustalfts	
717	No	280	arenic palexeralfts	Arenic Palexeralfts	
718	No	1953	arenic plinthaquic kandiudults	Arenic Plinthaquic Kandiudults	
719	No	1983	arenic plinthaquic paleudults	Arenic Plinthaquic Paleudults	
720	No	1872	arenic plinthic kandiaquults	Arenic Plinthic Kandiaquults	
721	No	147	arenic plinthic kandiudalfts	Arenic Plinthic Kandiudalfts	
722	No	1954	arenic plinthic kandiudults	Arenic Plinthic Kandiudults	
723	No	2012	arenic plinthic kandiustults	Arenic Plinthic Kandiustults	
724	No	1970	arenic plinthic kanhapludults	Arenic Plinthic Kanhapludults	
725	No	1886	arenic plinthic paleaquults	Arenic Plinthic Paleaquults	
726	No	169	arenic plinthic paleudalfts	Arenic Plinthic Paleudalfts	
727	No	1984	arenic plinthic paleudults	Arenic Plinthic Paleudults	
728	No	1955	arenic rhodic kandiudults	Arenic Rhodic Kandiudults	

NASIS 7.1.4 Domains

Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
729	No	1985	arenic rhodic paleudults	Arenic Rhodic Paleudults	
730	No	1752	arenic ultic alaquods	Arenic Ultic Alaquods	
731	No	1823	arenic ultic alorthods	Arenic Ultic Alorthods	
732	Yes	2698	arenic ultic haplaquods	Arenic Ultic Haplaquods	
733	Yes	2713	arenic ultic haplohumods	Arenic Ultic Haplohumods	
734	Yes	50	arenic umbraqualfs	Arenic Umbraqualfs	
735	No	3403	arenic umbric alaquods	Arenic Umbric Alaquods	
736	Yes	2773	arenic umbric haplaquods	Arenic Umbric Haplaquods	
737	No	1873	arenic umbric kandiaquults	Arenic Umbric Kandiaquults	
738	No	1887	arenic umbric paleaquults	Arenic Umbric Paleaquults	
739	Yes	513	arenic ustalfic haplargids	Arenic Ustalfic Haplargids	
740	No	2255	arenic ustic calciargids	Arenic Ustic Calciargids	
741	No	2275	arenic ustic haplargids	Arenic Ustic Haplargids	
742	No	2296	arenic ustic paleargids	Arenic Ustic Paleargids	
743	Yes	514	arenic ustollic haplargids	Arenic Ustollic Haplargids	
744	No	1168	argiaquic argialbolls	Argiaquic Argialbolls	
745	Yes	1247	argiaquic cryoborolls	Argiaquic Cryoborolls	
746	No	1169	argiaquic xeric argialbolls	Argiaquic Xeric Argialbolls	
747	Yes	571	argic calciorthids	Argic Calciorthids	
748	No	1184	argic cryaquolls	Argic Cryaquolls	
749	Yes	1248	argic cryoborolls	Argic Cryoborolls	
750	Yes	764	argic cryopsamments	Argic Cryopsamments	
751	No	1192	argic duraquolls	Argic Duraquolls	
752	No	3326	argic duricryolls	Argic Duricryolls	
753	Yes	1482	argic durixerolls	Argic Durixerolls	
754	No	1771	argic endoaquods	Argic Endoaquods	
755	No	1782	argic fragiaquods	Argic Fragiaquods	
756	Yes	1249	argic lithic cryoborolls	Argic Lithic Cryoborolls	
757	Yes	1250	argic pachic cryoborolls	Argic Pachic Cryoborolls	
758	No	2336	argic petrocalcids	Argic Petrocalcids	
759	Yes	772	argic quartzipsamments	Argic Quartzipsamments	
760	Yes	794	argic udipsamments	Argic Udipsamments	
761	Yes	773	argic ustic quartzipsamments	Argic Ustic Quartzipsamments	
762	Yes	801	argic ustipsamments	Argic Ustipsamments	

NASIS 7.1.4 Domains

Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
763	Yes	1251	argic vertic cryoborolls	Argic Vertic Cryoborolls	
764	Yes	807	argic xeropsamments	Argic Xeropsamments	
765	Yes	2217	argidic	Argidic	
766	No	2418	argidic argidurids	Argidic Argidurids	
767	No	2494	argidic durixerolls	Argidic Durixerolls	
768	No	2579	argiduridic argixerolls	Argiduridic Argixerolls	
769	No	2495	argiduridic durixerolls	Argiduridic Durixerolls	
770	No	2575	argiduridic durustolls	Argiduridic Durustolls	
771	Yes	2216	argixerollic	Argixerollic	
772	Yes	1222	aridic argiborolls	Aridic Argiborolls	
773	No	1365	aridic argiustolls	Aridic Argiustolls	
774	No	1453	aridic argixerolls	Aridic Argixerolls	
775	Yes	1237	aridic calciborolls	Aridic Calciborolls	
776	Yes	1454	aridic calcic argixerolls	Aridic Calcic Argixerolls	
777	No	3182	aridic calciustepts	Aridic Calciustepts	
778	No	2123	aridic calciusterts	Aridic Calciusterts	
779	No	1380	aridic calciustolls	Aridic Calciustolls	
780	No	2171	aridic calcixererts	Aridic Calcixererts	
781	No	1472	aridic calcixerolls	Aridic Calcixerolls	
782	No	2047	aridic duraquerts	Aridic Duraquerts	
783	Yes	1496	aridic duric haploxerolls	Aridic Duric Haploxerolls	
784	Yes	3460	aridic duric haplustolls	Aridic Duric Haplustolls	
785	No	2179	aridic durixererts	Aridic Durixererts	
786	Yes	1483	aridic durixerolls	Aridic Durixerolls	
787	Yes	3455	aridic durochrepts	Aridic Durochrepts	
788	Yes	1392	aridic durustolls	Aridic Durustolls	
789	No	2053	aridic dystraquerts	Aridic Dystraquerts	
790	No	3547	aridic dystrustepts	Aridic Dystrustepts	
791	No	2134	aridic dystrusterts	Aridic Dystrusterts	
792	No	2061	aridic endoaquerts	Aridic Endoaquerts	
793	No	2071	aridic epiaquerts	Aridic Epiaquerts	
794	Yes	3445	aridic eutroboralfs	Aridic Eutroboralfs	
795	No	3499	aridic glossic natrustalfs	Aridic Glossic Natrustalfs	
796	No	2141	aridic gypsiusterts	Aridic Gypsiusterts	
797	Yes	1272	aridic haploborolls	Aridic Haploborolls	

NASIS 7.1.4 Domains

Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
798	No	2187	aridic haploxererts	Aridic Haploxererts	
799	No	1495	aridic haploxerolls	Aridic Haploxerolls	
800	No	187	aridic haplustalfs	Aridic Haplustalfs	
801	No	3212	aridic haplustepts	Aridic Haplustepts	
802	No	2150	aridic haplusterts	Aridic Haplusterts	
803	No	1401	aridic haplustolls	Aridic Haplustolls	
804	No	3725	aridic humustepts	Aridic Humustepts	
805	No	201	aridic kandiustalfs	Aridic Kandiustalfs	
806	No	2013	aridic kandiustults	Aridic Kandiustults	
807	No	209	aridic kanhaplustalfs	Aridic Kanhaplustalfs	
808	No	2023	aridic kanhaplustults	Aridic Kanhaplustults	
809	No	3417	aridic leptic haplusterts	Aridic Leptic Haplusterts	
810	No	2820	aridic leptic natrustalfs	Aridic Leptic Natrustalfs	
811	No	3379	aridic leptic natrustolls	Aridic Leptic Natrustolls	
812	No	3382	aridic lithic argiustolls	Aridic Lithic Argiustolls	
813	No	3740	aridic lithic argixerolls	Aridic Lithic Argixerolls	
814	No	3741	aridic lithic calcixerolls	Aridic Lithic Calcixerolls	
815	No	3742	aridic lithic haploxerolls	Aridic Lithic Haploxerolls	
816	No	3193	aridic lithic haplustepts	Aridic Lithic Haplustepts	
817	No	3567	aridic lithic haplustolls	Aridic Lithic Haplustolls	
818	Yes	2852	aridic lithic ustochrepts	Aridic Lithic Ustochrepts	
819	No	3018	aridic lithic ustorthents	Aridic Lithic Ustorthents	
820	Yes	2619	aridic natrargids	Aridic Natrargids	
821	Yes	1292	aridic natriborolls	Aridic Natriborolls	
822	No	1523	aridic natrixerolls	Aridic Natrixerolls	
823	No	2819	aridic natrustalfs	Aridic Natrustalfs	
824	No	1425	aridic natrustolls	Aridic Natrustolls	
825	Yes	2218	aridic pachic	Aridic Pachic	
826	No	226	aridic paleustalfs	Aridic Paleustalfs	
827	No	1432	aridic paleustolls	Aridic Paleustolls	
828	No	1528	aridic palexerolls	Aridic Palexerolls	
829	Yes	1529	aridic petrocalcic palexerolls	Aridic Petrocalcic Palexerolls	
830	No	2080	aridic salaquerts	Aridic Salaquerts	
831	No	2164	aridic salusterts	Aridic Salusterts	
832	Yes	3451	aridic torriorthents	Aridic Torriorthents	

NASIS 7.1.4 Domains

Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
833	No	696	aridic ustifluvents	Aridic Ustifluvents	
834	No	2506	aridic ustipsamments	Aridic Ustipsamments	
835	Yes	1058	aridic ustochrepts	Aridic Ustochrepts	
836	No	745	aridic ustorthents	Aridic Ustorthents	
837	Yes	3457	aridic ustropepts	Aridic Ustropepts	
838	Yes	1308	aridic vermiborolls	Aridic Vermiborolls	
839	Yes	1225	boralfic argiborolls	Boralfic Argiborolls	
840	Yes	1366	boralfic argiustolls	Boralfic Argiustolls	
841	Yes	1455	boralfic argixerolls	Boralfic Argixerolls	
842	Yes	1253	boralfic cryoborolls	Boralfic Cryoborolls	
843	Yes	2721	boralfic cryorthods	Boralfic Cryorthods	
844	Yes	1252	boralfic lithic cryoborolls	Boralfic Lithic Cryoborolls	
845	Yes	2858	boralfic udertic argiborolls	Boralfic Udertic Argiborolls	
846	Yes	1224	boralfic udic argiborolls	Boralfic Udic Argiborolls	
847	Yes	572	borollic calciorthids	Borollic Calciorthids	
848	Yes	587	borollic camborthids	Borollic Camborthids	
849	Yes	542	borollic glossic natrargids	Borollic Glossic Natrargids	
850	Yes	516	borollic haplargids	Borollic Haplargids	
851	Yes	573	borollic lithic calciorthids	Borollic Lithic Calciorthids	
852	Yes	588	borollic lithic camborthids	Borollic Lithic Camborthids	
853	Yes	517	borollic lithic haplargids	Borollic Lithic Haplargids	
854	Yes	541	borollic natrargids	Borollic Natrargids	
855	Yes	557	borollic paleargids	Borollic Paleargids	
856	Yes	624	borollic paleorthids	Borollic Paleorthids	
857	Yes	3452	borollic torriorthents	Borollic Torriorthents	
858	Yes	589	borollic vertic camborthids	Borollic Vertic Camborthids	
859	Yes	518	borollic vertic haplargids	Borollic Vertic Haplargids	
860	Yes	556	borollic vertic paleargids	Borollic Vertic Paleargids	
861	No	2872	calciargidic argixerolls	Calciargidic Argixerolls	
862	Yes	2578	calciargidic paleustolls	Calciargidic Paleustolls	
863	No	3100	calcic anhyorthels	Calcic Anhyorthels	
864	No	3055	calcic anhyturbels	Calcic Anhyturbels	
865	No	2483	calcic aquisalids	Calcic Aquisalids	
866	No	3552	calcic argicryolls	Calcic Argicryolls	
867	No	2444	calcic argigypsids	Calcic Argigypsids	

NASIS 7.1.4 Domains

Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
868	No	1325	calcic argiudolls	Calcic Argiudolls	
869	No	1457	calcic argixerolls	Calcic Argixerolls	
870	No	1185	calcic cryaquolls	Calcic Cryaquolls	
871	Yes	1255	calcic cryoborolls	Calcic Cryoborolls	
872	No	3554	calcic duricryolls	Calcic Duricryolls	
873	No	2394	calcic gypsicryids	Calcic Gypsicryids	
874	Yes	620	calcic gypsiorthids	Calcic Gypsiorthids	
875	No	3621	calcic haplocryepts	Calcic Haplocryepts	
876	No	3366	calcic haplocryolls	Calcic Haplocryolls	
877	No	2488	calcic haplosalids	Calcic Haplosalids	
878	No	2980	calcic haplotorrands	Calcic Haplotorrands	
879	No	262	calcic haploxeralfs	Calcic Haploxeralfs	
880	No	485	calcic haploxerands	Calcic Haploxerands	
881	No	3259	calcic haploxerepts	Calcic Haploxerepts	
882	No	1499	calcic haploxerolls	Calcic Haploxerolls	
883	No	1341	calcic hapludolls	Calcic Hapludolls	
884	No	2812	calcic haplustalfs	Calcic Haplustalfs	
885	No	459	calcic haplustands	Calcic Haplustands	
886	No	3211	calcic haplustepts	Calcic Haplustepts	
887	No	3416	calcic haplusterts	Calcic Haplusterts	
888	No	2994	calcic lithic petrocalcids	Calcic Lithic Petrocalcids	
889	No	3391	calcic natrudolls	Calcic Natrudolls	
890	No	3551	calcic pachic argicryolls	Calcic Pachic Argicryolls	
891	No	1456	calcic pachic argixerolls	Calcic Pachic Argixerolls	
892	Yes	1254	calcic pachic cryoborolls	Calcic Pachic Cryoborolls	
893	No	3363	calcic pachic haplocryolls	Calcic Pachic Haplocryolls	
894	No	1497	calcic pachic haploxerolls	Calcic Pachic Haploxerolls	
895	No	2298	calcic paleargids	Calcic Paleargids	
896	No	1353	calcic paleudolls	Calcic Paleudolls	
897	No	1434	calcic paleustolls	Calcic Paleustolls	
898	No	281	calcic palexeralfs	Calcic Palexeralfs	
899	No	2337	calcic petrocalcids	Calcic Petrocalcids	
900	No	2476	calcic petrogypsid	Calcic Petrogypsid	
901	No	291	calcic rhodoxeralfs	Calcic Rhodoxeralfs	
902	No	2813	calcic udic haplustalfs	Calcic Udic Haplustalfs	

NASIS 7.1.4 Domains

Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
903	No	3210	calcic udic haplustepts	Calcic Udic Haplustepts	
904	Yes	1059	calcic udic ustochrepts	Calcic Udic Ustochrepts	
905	No	477	calcic ustivitrands	Calcic Ustivitrands	
906	Yes	1061	calcic ustochrepts	Calcic Ustochrepts	
907	No	367	calcic vitritorrands	Calcic Vitritorrands	
908	No	3384	calcidic argiustolls	Calcidic Argiustolls	
909	No	2580	calcidic haploxerolls	Calcidic Haploxerolls	
910	No	2814	calcidic haplustalfs	Calcidic Haplustalfs	
911	No	2556	calcidic paleustalfs	Calcidic Paleustalfs	
912	No	3381	calcidic paleustolls	Calcidic Paleustolls	
913	Yes	1498	calciorthidic haploxerolls	Calciorthidic Haploxerolls	
914	Yes	228	calciorthidic paleustalfs	Calciorthidic Paleustalfs	
915	Yes	1433	calciorthidic paleustolls	Calciorthidic Paleustolls	
916	Yes	1060	calciorthidic ustochrepts	Calciorthidic Ustochrepts	
917	Yes	1077	calcixerollic xerochrepts	Calcixerollic Xerochrepts	
918	Yes	619	cambic gypsiorthids	Cambic Gypsiorthids	
919	No	2492	cambidic durixerolls	Cambidic Durixerolls	
920	No	2427	cambidic haplodurids	Cambidic Haplodurids	
921	No	2091	chromic calcitorrerts	Chromic Calcitorrerts	
922	No	2124	chromic calciusterts	Chromic Calciusterts	
923	No	2172	chromic calcixererts	Chromic Calcixererts	
924	No	2048	chromic duraquerts	Chromic Duraquerts	
925	No	2180	chromic durixererts	Chromic Durixererts	
926	No	2054	chromic dystraquerts	Chromic Dystraquerts	
927	No	2111	chromic dystruderts	Chromic Dystruderts	
928	No	2135	chromic dystrusterts	Chromic Dystrusterts	
929	No	2062	chromic endoaquerts	Chromic Endoaquerts	
930	No	2072	chromic epiaquerts	Chromic Epiaquerts	
931	No	2096	chromic gypsitorrerts	Chromic Gypsitorrerts	
932	No	2142	chromic gypsiusterts	Chromic Gypsiusterts	
933	No	2086	chromic haplocryerts	Chromic Haplocryerts	
934	No	2098	chromic haplotorrerts	Chromic Haplotorrerts	
935	No	2188	chromic haploxererts	Chromic Haploxererts	
936	No	2117	chromic hapluderts	Chromic Hapluderts	
937	No	2152	chromic haplusterts	Chromic Haplusterts	

NASIS 7.1.4 Domains

Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
938	Yes	2760	chromic pelloxererts	Chromic Pelloxererts	
939	No	2081	chromic salaquerts	Chromic Salaquerts	
940	No	2105	chromic salitorrerts	Chromic Salitorrerts	
941	No	2165	chromic salusterts	Chromic Salusterts	
942	No	2151	chromic udic haplusterts	Chromic Udic Haplusterts	
943	No	2509	chromic vertic albaqualfs	Chromic Vertic Albaqualfs	
944	No	2907	chromic vertic endoaqualfs	Chromic Vertic Endoaqualfs	
945	No	2514	chromic vertic epiaqualfs	Chromic Vertic Epiaqualfs	
946	No	2517	chromic vertic hapludalfs	Chromic Vertic Hapludalfs	
947	Yes	2219	chromudic	Chromudic	
948	Yes	3480	cryic fragiorthods	Cryic Fragiorthods	
949	Yes	1314	cryic lithic rendolls	Cryic Lithic Rendolls	
950	Yes	1302	cryic pachic paleborolls	Cryic Pachic Paleborolls	
951	Yes	1303	cryic paleborolls	Cryic Paleborolls	
952	Yes	1820	cryic placohumods	Cryic Placohumods	
953	Yes	1315	cryic rendolls	Cryic Rendolls	
954	Yes	843	cryic sphagnofibrists	Cryic Sphagnofibrists	
955	No	1186	cumulic cryaquolls	Cumulic Cryaquolls	
956	Yes	1256	cumulic cryoborolls	Cumulic Cryoborolls	
957	No	1197	cumulic endoaquolls	Cumulic Endoaquolls	
958	No	1206	cumulic epiaquolls	Cumulic Epiaquolls	
959	Yes	2593	cumulic haplaquolls	Cumulic Haplaquolls	
960	Yes	1274	cumulic haploborolls	Cumulic Haploborolls	
961	No	3359	cumulic haplocryolls	Cumulic Haplocryolls	
962	No	3558	cumulic haplogelolls	Cumulic Haplogelolls	
963	No	1501	cumulic haploxerolls	Cumulic Haploxerolls	
964	No	1342	cumulic hapludolls	Cumulic Hapludolls	
965	Yes	1149	cumulic haplumbrepts	Cumulic Haplumbrepts	
966	No	1402	cumulic haplustolls	Cumulic Haplustolls	
967	No	979	cumulic humaquepts	Cumulic Humaquepts	
968	No	3733	cumulic humixerepts	Cumulic Humixerepts	
969	No	3714	cumulic humudepts	Cumulic Humudepts	
970	No	3062	cumulic molliturbels	Cumulic Molliturbels	
971	No	3107	cumulic mollorthels	Cumulic Mollorthels	
972	Yes	2862	cumulic udertic haploborolls	Cumulic Udertic Haploborolls	

NASIS 7.1.4 Domains

Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
973	Yes	1273	cumulic udic haploborolls	Cumulic Udic Haploborolls	
974	No	1500	cumulic ultic haploxerolls	Cumulic Ultic Haploxerolls	
975	No	3070	cumulic umbritorbels	Cumulic Umbritorbels	
976	No	3115	cumulic umbrorhels	Cumulic Umbrorhels	
977	No	2522	cumulic vertic endoaquolls	Cumulic Vertic Endoaquolls	
978	No	2524	cumulic vertic epiaquolls	Cumulic Vertic Epiaquolls	
979	Yes	2863	cumulic vertic haploborolls	Cumulic Vertic Haploborolls	
980	Yes	1459	durargidic argixerolls	Durargidic Argixerolls	
981	No	1754	duric alaquods	Duric Alaquods	
982	No	1367	duric argiustolls	Duric Argiustolls	
983	No	1458	duric argixerolls	Duric Argixerolls	
984	Yes	574	duric calciorthids	Duric Calciorthids	
985	Yes	590	duric camborhids	Duric Camborhids	
986	No	1761	duric cryaquods	Duric Cryaquods	
987	Yes	1257	duric cryoborolls	Duric Cryoborolls	
988	No	306	duric endoaquands	Duric Endoaquands	
989	No	1198	duric endoaquolls	Duric Endoaquolls	
990	No	314	duric epiaquands	Duric Epiaquands	
991	No	1207	duric epiaquolls	Duric Epiaquolls	
992	No	3144	duric halaquepts	Duric Halaquepts	
993	Yes	2676	duric haplaquolls	Duric Haplaquolls	
994	Yes	519	duric haplargids	Duric Haplargids	
995	No	2320	duric haplocalcids	Duric Haplocalcids	
996	Yes	2726	duric haplorthods	Duric Haplorthods	
997	No	2485	duric haplosalids	Duric Haplosalids	
998	No	2979	duric haplotorrands	Duric Haplotorrands	
999	No	1502	duric haploxerolls	Duric Haploxerolls	
1000	No	401	duric hapludands	Duric Hapludands	
1001	No	1403	duric haplustolls	Duric Haplustolls	
1002	No	327	duric histic placaquands	Duric Histic Placaquands	
1003	Yes	543	duric natrargids	Duric Natrargids	
1004	No	1524	duric natrimerolls	Duric Natrimerolls	
1005	No	1426	duric natrustolls	Duric Natrustolls	
1006	Yes	558	duric paleargids	Duric Paleargids	
1007	No	3371	duric palerolls	Duric Palerolls	

NASIS 7.1.4 Domains

Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1008	No	2309	duric petroargids	Duric Petroargids	
1009	No	2406	duric petrocryids	Duric Petrocryids	
1010	No	326	duric placaquands	Duric Placaquands	
1011	Yes	3474	duric torriarents	Duric Torriarents	
1012	No	2891	duric torrifluvents	Duric Torrifluvents	
1013	No	2894	duric torriorthents	Duric Torriorthents	
1014	Yes	2896	duric torripsamments	Duric Torripsamments	
1015	No	332	duric vitraquands	Duric Vitraquands	
1016	No	368	duric vitritorrands	Duric Vitritorrands	
1017	Yes	3006	duric xerarents	Duric Xerarents	
1018	No	2319	duric xeric haplocalcids	Duric Xeric Haplocalcids	
1019	No	2308	duric xeric petroargids	Duric Xeric Petroargids	
1020	No	2405	duric xeric petrocryids	Duric Xeric Petrocryids	
1021	No	2892	duric xeric torrifluvents	Duric Xeric Torrifluvents	
1022	Yes	2895	duric xeric torriorthents	Duric Xeric Torriorthents	
1023	Yes	2897	duric xeric torripsamments	Duric Xeric Torripsamments	
1024	No	2900	duridic haploxerolls	Duridic Haploxerolls	
1025	Yes	2557	duridic torrifluvents	Duridic Torrifluvents	
1026	Yes	2558	duridic xeric torrifluvents	Duridic Xeric Torrifluvents	
1027	Yes	2510	durinodic albaqualfs	Durinodic Albaqualfs	
1028	No	2346	durinodic aquicambids	Durinodic Aquicambids	
1029	No	2258	durinodic calciargids	Durinodic Calciargids	
1030	No	2266	durinodic gypsiargids	Durinodic Gypsiargids	
1031	No	2277	durinodic haplargids	Durinodic Haplargids	
1032	No	2322	durinodic haplocalcids	Durinodic Haplocalcids	
1033	No	2361	durinodic haplocambids	Durinodic Haplocambids	
1034	No	2286	durinodic natrargids	Durinodic Natrargids	
1035	No	2300	durinodic paleargids	Durinodic Paleargids	
1036	No	2563	durinodic ustorthents	Durinodic Ustorthents	
1037	No	2345	durinodic xeric aquicambids	Durinodic Xeric Aquicambids	
1038	No	2257	durinodic xeric calciargids	Durinodic Xeric Calciargids	
1039	No	2276	durinodic xeric haplargids	Durinodic Xeric Haplargids	
1040	No	2321	durinodic xeric haplocalcids	Durinodic Xeric Haplocalcids	
1041	No	2360	durinodic xeric haplocambids	Durinodic Xeric Haplocambids	

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Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1042	No	2285	durinodic xeric natrargids	Durinodic Xeric Natrargids	
1043	No	2299	durinodic xeric paleargids	Durinodic Xeric Paleargids	
1044	No	2559	durinodic xerofluvents	Durinodic Xerofluvents	
1045	No	2568	durinodic xeropsamments	Durinodic Xeropsamments	
1046	No	2564	durinodic xerorthents	Durinodic Xerorthents	
1047	Yes	575	durixerollic calciorthids	Durixerollic Calciorthids	
1048	Yes	591	durixerollic camborthids	Durixerollic Camborthids	
1049	Yes	520	durixerollic haplargids	Durixerollic Haplargids	
1050	Yes	592	durixerollic lithic camborthids	Durixerollic Lithic Camborthids	
1051	Yes	544	durixerollic natrargids	Durixerollic Natrargids	
1052	Yes	2220	durochreptic	Durochreptic	
1053	Yes	5	durorthidic albaqualfs	Durorthidic Albaqualfs	
1054	Yes	676	durorthidic torrifluvents	Durorthidic Torrifluvents	
1055	Yes	719	durorthidic torriorthents	Durorthidic Torriorthents	
1056	Yes	783	durorthidic torripsamments	Durorthidic Torripsamments	
1057	Yes	746	durorthidic ustorthents	Durorthidic Ustorthents	
1058	Yes	677	durorthidic xeric torrifluvents	Durorthidic Xeric	
1059	Yes	720	durorthidic xeric torriorthents	Durorthidic Xeric Torriorthents	
1060	Yes	784	durorthidic xeric torripsamments	Durorthidic Xeric Torripsamments	
1061	Yes	704	durorthidic xerofluvents	Durorthidic Xerofluvents	
1062	Yes	808	durorthidic xeropsamments	Durorthidic Xeropsamments	
1063	Yes	757	durorthidic xerorthents	Durorthidic Xerorthents	
1064	Yes	2633	dystic cryandepts	Dystic Cryandepts	
1065	Yes	1002	dystic cryochrepts	Dystic Cryochrepts	
1066	Yes	3458	dystic cryumbrepts	Dystic Cryumbrepts	
1067	Yes	1011	dystic durochrepts	Dystic Durochrepts	
1068	Yes	1012	dystic entic durochrepts	Dystic Entic Durochrepts	
1069	Yes	1037	dystic eutrochrepts	Dystic Eutrochrepts	
1070	No	3290	dystic eutrudepts	Dystic Eutrudepts	
1071	Yes	1038	dystic fluventic eutrochrepts	Dystic Fluventic Eutrochrepts	
1072	No	3287	dystic fluventic eutrudepts	Dystic Fluventic Eutrudepts	
1073	Yes	1079	dystic fluventic xerochrepts	Dystic Fluventic Xerochrepts	

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Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1074	No	460	dystrie haplustands	Dystrie Haplustands	
1075	No	3213	dystrie haplustepts	Dystrie Haplustepts	
1076	Yes	2634	dystrie lithic cryandepts	Dystrie Lithic Cryandepts	
1077	Yes	1080	dystrie lithic xerochrepts	Dystrie Lithic Xerochrepts	
1078	Yes	1062	dystrie ustochrepts	Dystrie Ustochrepts	
1079	No	461	dystrie vitric haplustands	Dystrie Vitric Haplustands	
1080	Yes	1078	dystrie xerochrepts	Dystrie Xerochrepts	
1081	No	809	dystrie xeropsamments	Dystrie Xeropsamments	
1082	No	758	dystrie xerorthents	Dystrie Xerorthents	
1083	Yes	2221	dystropeptic	Dystropeptic	
1084	No	1825	entic alorthods	Entic Alorthods	
1085	No	2092	entic calcitorrerts	Entic Calcitorrerts	
1086	No	2125	entic calciusterts	Entic Calciusterts	
1087	No	2173	entic calcixererts	Entic Calcixererts	
1088	Yes	2758	entic chromoxererts	Entic Chromoxererts	
1089	Yes	2746	entic chromuderts	Entic Chromuderts	
1090	Yes	2749	entic chromusterts	Entic Chromusterts	
1091	Yes	2635	entic cryandepts	Entic Cryandepts	
1092	No	1762	entic cryaquods	Entic Cryaquods	
1093	Yes	2722	entic cryorthods	Entic Cryorthods	
1094	Yes	1134	entic cryumbrepts	Entic Cryumbrepts	
1095	No	3220	entic durixerepts	Entic Durixerepts	
1096	Yes	1484	entic durixerolls	Entic Durixerolls	
1097	Yes	1013	entic durochrepts	Entic Durochrepts	
1098	Yes	609	entic durorthids	Entic Durorthids	
1099	No	1393	entic durustolls	Entic Durustolls	
1100	Yes	2639	entic dystrandepts	Entic Dystrandepts	
1101	No	2055	entic dystraquerts	Entic Dystraquerts	
1102	No	2112	entic dystruderts	Entic Dystruderts	
1103	No	2136	entic dystrusterts	Entic Dystrusterts	
1104	No	2063	entic endoaquerts	Entic Endoaquerts	
1105	No	2073	entic epiaquerts	Entic Epiaquerts	
1106	Yes	2645	entic eutrandepts	Entic Eutrandepts	
1107	No	1836	entic fragiorthods	Entic Fragiorthods	
1108	No	2775	entic grossarenic alorthods	Entic Grossarenic Alorthods	

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Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1109	No	2143	entic gypsiusterts	Entic Gypsiusterts	
1110	Yes	3453	entic haplaquepts	Entic Haplaquepts	
1111	Yes	2699	entic haplaquods	Entic Haplaquods	
1112	Yes	1275	entic haploborolls	Entic Haploborolls	
1113	No	1797	entic haplocryods	Entic Haplocryods	
1114	Yes	2714	entic haplohumods	Entic Haplohumods	
1115	No	1847	entic haplorthods	Entic Haplorthods	
1116	No	2099	entic haplotorrerts	Entic Haplotorrerts	
1117	No	2189	entic haploxererts	Entic Haploxererts	
1118	No	1504	entic haploxerolls	Entic Haploxerolls	
1119	No	2118	entic hapluderts	Entic Hapluderts	
1120	No	1343	entic hapludolls	Entic Hapludolls	
1121	Yes	1150	entic haplumbrepts	Entic Haplumbrepts	
1122	No	2154	entic haplusterts	Entic Haplusterts	
1123	No	1404	entic haplustolls	Entic Haplustolls	
1124	No	3324	entic haprendolls	Entic Haprendolls	
1125	No	3736	entic humixerepts	Entic Humixerepts	
1126	No	3718	entic humudepts	Entic Humudepts	
1127	No	1846	entic lithic haplorthods	Entic Lithic Haplorthods	
1128	No	1435	entic paleustolls	Entic Paleustolls	
1129	Yes	2761	entic pelloxererts	Entic Pelloxererts	
1130	Yes	2748	entic pelluderts	Entic Pelluderts	
1131	Yes	2591	entic pellusterts	Entic Pellusterts	
1132	Yes	1316	entic rendolls	Entic Rendolls	
1133	No	2082	entic salaquerts	Entic Salaquerts	
1134	No	2106	entic salitorrerts	Entic Salitorrerts	
1135	No	2166	entic salusterts	Entic Salusterts	
1136	Yes	2706	entic sideraquods	Entic Sideraquods	
1137	No	2153	entic udic haplusterts	Entic Udic Haplusterts	
1138	No	1503	entic ultic haploxerolls	Entic Ultic Haploxerolls	
1139	Yes	1358	entic vermudolls	Entic Vermudolls	
1140	No	1444	entic vermustolls	Entic Vermustolls	
1141	Yes	1161	entic xerumbrepts	Entic Xerumbrepts	
1142	Yes	2223	epiaquic	Epiaquic	
1143	Yes	3468	epiaquic haplustults	Epiaquic Haplustults	

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Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1144	Yes	2224	epiaquic orthoxic	Epiaquic Orthoxic	
1145	No	1626	eutric acrudox	Eutric Acrudox	
1146	No	1690	eutric acrustox	Eutric Acrustox	
1147	No	3505	eutric duricryands	Eutric Duricryands	
1148	No	3510	eutric durudands	Eutric Durudands	
1149	No	3630	eutric dystrocryepts	Eutric Dystrocryepts	
1150	No	3506	eutric fulvicryands	Eutric Fulvicryands	
1151	No	383	eutric fulvudands	Eutric Fulvudands	
1152	Yes	85	eutric glossoboralfs	Eutric Glossoboralfs	
1153	No	2933	eutric glossocryalfs	Eutric Glossocryalfs	
1154	No	2951	eutric haplocryalfs	Eutric Haplocryalfs	
1155	No	403	eutric hapludands	Eutric Hapludands	
1156	No	3601	eutric humicryepts	Eutric Humicryepts	
1157	No	3693	eutric humigelepts	Eutric Humigelepts	
1158	No	3717	eutric humudepts	Eutric Humudepts	
1159	Yes	430	eutric hydric melanudands	Eutric Hydric Melanudands	
1160	No	416	eutric hydrudands	Eutric Hydrudands	
1161	No	2985	eutric lithic fulvudands	Eutric Lithic Fulvudands	
1162	No	2984	eutric melanudands	Eutric Melanudands	
1163	No	3596	eutric oxyaquic duricryands	Eutric Oxyaquic Duricryands	
1164	No	3507	eutric pachic fulvicryands	Eutric Pachic Fulvicryands	
1165	No	382	eutric pachic fulvudands	Eutric Pachic Fulvudands	
1166	Yes	445	eutric placudands	Eutric Placudands	
1167	No	402	eutric thaptic hapludands	Eutric Thaptic Hapludands	
1168	Yes	431	eutric vitric melanudands	Eutric Vitric Melanudands	
1169	Yes	444	eutric vitric placudands	Eutric Vitric Placudands	
1170	Yes	1317	eutrochreptic rendolls	Eutrochreptic Rendolls	
1171	Yes	1318	eutropeptic rendolls	Eutropeptic Rendolls	
1172	Yes	51	ferrudalfic umbraqualfs	Ferrudalfic Umbraqualfs	
1173	Yes	872	fibric borohemists	Fibric Borohemists	
1174	Yes	910	fibric borosaprists	Fibric Borosaprists	
1175	No	3675	fibric frasiwassists	Fibric Frasiwassists	
1176	No	3437	fibric haplohemists	Fibric Haplohemists	
1177	No	3679	fibric haplowassists	Fibric Haplowassists	
1178	Yes	887	fibric medihemists	Fibric Medihemists	

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Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1179	Yes	924	fibric medisaprists	Fibric Medisaprists	
1180	No	3682	fibric sulfiwassists	Fibric Sulfiwassists	
1181	Yes	871	fibric terric borohemists	Fibric Terric Borohemists	
1182	Yes	909	fibric terric borosaprists	Fibric Terric Borosaprists	
1183	Yes	886	fibric terric medihemists	Fibric Terric Medihemists	
1184	Yes	923	fibric terric medisaprists	Fibric Terric Medisaprists	
1185	Yes	899	fibric terric tropohemists	Fibric Terric Tropohemists	
1186	Yes	935	fibric terric troposaprists	Fibric Terric Troposaprists	
1187	Yes	900	fibric tropohemists	Fibric Tropohemists	
1188	Yes	936	fibric troposaprists	Fibric Troposaprists	
1189	No	3516	fluvaquentic aquorthels	Fluvaquentic Aquorthels	
1190	Yes	813	fluvaquentic borofibrists	Fluvaquentic Borofibrists	
1191	Yes	873	fluvaquentic borohemists	Fluvaquentic Borohemists	
1192	Yes	911	fluvaquentic borosaprists	Fluvaquentic Borosaprists	
1193	No	3145	fluvaquentic cryaquepts	Fluvaquentic Cryaquepts	
1194	Yes	1258	fluvaquentic cryoborolls	Fluvaquentic Cryoborolls	
1195	No	825	fluvaquentic cryofibrists	Fluvaquentic Cryofibrists	
1196	No	881	fluvaquentic cryohemists	Fluvaquentic Cryohemists	
1197	No	918	fluvaquentic cryosaprists	Fluvaquentic Cryosaprists	
1198	Yes	1020	fluvaquentic dystrochrepts	Fluvaquentic Dystrochrepts	
1199	No	3628	fluvaquentic dystrocryepts	Fluvaquentic Dystrocryepts	
1200	No	3240	fluvaquentic dystroxerepts	Fluvaquentic Dystroxerepts	
1201	No	3302	fluvaquentic dystrudepts	Fluvaquentic Dystrudepts	
1202	No	3148	fluvaquentic endoaquepts	Fluvaquentic Endoaquepts	
1203	No	1199	fluvaquentic endoaquolls	Fluvaquentic Endoaquolls	
1204	No	3147	fluvaquentic epiaquepts	Fluvaquentic Epiaquepts	
1205	No	1208	fluvaquentic epiaquolls	Fluvaquentic Epiaquolls	
1206	Yes	1039	fluvaquentic eutrochrepts	Fluvaquentic Eutrochrepts	
1207	Yes	1105	fluvaquentic eutropepts	Fluvaquentic Eutropepts	
1208	No	3281	fluvaquentic eutrudepts	Fluvaquentic Eutrudepts	
1209	No	3028	fluvaquentic fibristels	Fluvaquentic Fibristels	
1210	No	3530	fluvaquentic gelaquepts	Fluvaquentic Gelaquepts	
1211	Yes	2667	fluvaquentic haplaquepts	Fluvaquentic Haplaquepts	
1212	Yes	2586	fluvaquentic haplaquolls	Fluvaquentic Haplaquolls	
1213	Yes	1276	fluvaquentic haploborolls	Fluvaquentic Haploborolls	

NASIS 7.1.4 Domains

Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1214	No	3616	fluvaquentic haplocryepts	Fluvaquentic Haplocryepts	
1215	No	3360	fluvaquentic haplocryolls	Fluvaquentic Haplocryolls	
1216	No	3423	fluvaquentic haplofibrists	Fluvaquentic Haplofibrists	
1217	No	3436	fluvaquentic haplohemists	Fluvaquentic Haplohemists	
1218	No	3517	fluvaquentic haplorthels	Fluvaquentic Haplorthels	
1219	No	3427	fluvaquentic haplosaprists	Fluvaquentic Haplosaprists	
1220	No	1505	fluvaquentic haploxerolls	Fluvaquentic Haploxerolls	
1221	No	1344	fluvaquentic hapludolls	Fluvaquentic Hapludolls	
1222	No	1405	fluvaquentic haplustolls	Fluvaquentic Haplustolls	
1223	No	3033	fluvaquentic hemistels	Fluvaquentic Hemistels	
1224	No	3525	fluvaquentic historthels	Fluvaquentic Historthels	
1225	No	980	fluvaquentic humaquepts	Fluvaquentic Humaquepts	
1226	No	3590	fluvaquentic humicryepts	Fluvaquentic Humicryepts	
1227	No	3709	fluvaquentic humudepts	Fluvaquentic Humudepts	
1228	Yes	831	fluvaquentic medifibrists	Fluvaquentic Medifibrists	
1229	Yes	888	fluvaquentic medihemists	Fluvaquentic Medihemists	
1230	Yes	925	fluvaquentic medisaprists	Fluvaquentic Medisaprists	
1231	No	3037	fluvaquentic sapristels	Fluvaquentic Sapristels	
1232	No	844	fluvaquentic sphagnofibrists	Fluvaquentic Sphagnofibrists	
1233	Yes	853	fluvaquentic tropofibrists	Fluvaquentic Tropofibrists	
1234	Yes	901	fluvaquentic tropohemists	Fluvaquentic Tropohemists	
1235	Yes	937	fluvaquentic troposaprists	Fluvaquentic Troposaprists	
1236	No	2523	fluvaquentic vertic endoaquolls	Fluvaquentic Vertic Endoaquolls	
1237	No	2525	fluvaquentic vertic epiaquolls	Fluvaquentic Vertic Epiaquolls	
1238	Yes	2672	fluvaquentic xerochrepts	Fluvaquentic Xerochrepts	
1239	No	2350	fluventic aquicambids	Fluventic Aquicambids	
1240	No	3393	fluventic calciudolls	Fluventic Calciudolls	
1241	Yes	593	fluventic camborthids	Fluventic Camborthids	
1242	Yes	1259	fluventic cryoborolls	Fluventic Cryoborolls	
1243	Yes	1021	fluventic dystrochrepts	Fluventic Dystrochrepts	
1244	No	3629	fluventic dystrocryepts	Fluventic Dystrocryepts	
1245	No	3695	fluventic dystrogelepts	Fluventic Dystrogelepts	
1246	Yes	1092	fluventic dystropepts	Fluventic Dystropepts	

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Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1247	No	3245	fluventic dystroxerepts	Fluventic Dystroxerepts	
1248	No	3310	fluventic dystrudepts	Fluventic Dystrudepts	
1249	No	3189	fluventic dystrustepts	Fluventic Dystrustepts	
1250	No	3533	fluventic endoaquepts	Fluventic Endoaquepts	
1251	Yes	1040	fluventic eutrochrepts	Fluventic Eutrochrepts	
1252	Yes	1106	fluventic eutropepts	Fluventic Eutropepts	
1253	No	3288	fluventic eutrudepts	Fluventic Eutrudepts	
1254	No	3645	fluventic frasiwassents	Fluventic Frasiwassents	
1255	Yes	3459	fluventic haplaquolls	Fluventic Haplaquolls	
1256	Yes	1277	fluventic haploborolls	Fluventic Haploborolls	
1257	No	2370	fluventic haplocambids	Fluventic Haplocambids	
1258	No	3620	fluventic haplocryepts	Fluventic Haplocryepts	
1259	No	3365	fluventic haplocryolls	Fluventic Haplocryolls	
1260	No	3700	fluventic haplogelepts	Fluventic Haplogelepts	
1261	No	3518	fluventic haplorthels	Fluventic Haplorthels	
1262	No	3258	fluventic haploxerepts	Fluventic Haploxerepts	
1263	No	1506	fluventic haploxerolls	Fluventic Haploxerolls	
1264	No	1345	fluventic hapludolls	Fluventic Hapludolls	
1265	Yes	1151	fluventic haplumbrepts	Fluventic Haplumbrepts	
1266	No	3207	fluventic haplustepts	Fluventic Haplustepts	
1267	No	1406	fluventic haplustolls	Fluventic Haplustolls	
1268	No	3526	fluventic historthels	Fluventic Historthels	
1269	No	3244	fluventic humic dystroxerepts	Fluventic Humic Dystroxerepts	
1270	No	3309	fluventic humic dystrudepts	Fluventic Humic Dystrudepts	
1271	No	3598	fluventic humicryepts	Fluventic Humicryepts	
1272	No	3691	fluventic humigelepts	Fluventic Humigelepts	
1273	Yes	1115	fluventic humitropepts	Fluventic Humitropepts	
1274	No	3734	fluventic humixerepts	Fluventic Humixerepts	
1275	No	3715	fluventic humudepts	Fluventic Humudepts	
1276	Yes	2631	fluventic medihemists	Fluventic Medihemists	
1277	No	3659	fluventic psammowassents	Fluventic Psammowassents	
1278	No	3665	fluventic sulfiwassents	Fluventic Sulfiwassents	
1279	Yes	1022	fluventic umbric dystrochrepts	Fluventic Umbric Dystrochrepts	

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Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1280	Yes	1063	fluventic ustochrepts	Fluventic Ustochrepts	
1281	Yes	1126	fluventic ustropepts	Fluventic Ustropepts	
1282	Yes	1081	fluventic xerochrepts	Fluventic Xerochrepts	
1283	Yes	1162	fluventic xerumbrepts	Fluventic Xerumbrepts	
1284	No	3686	folistic dystrocryepts	Folistic Dystrocryepts	
1285	No	3632	folistic fulvicryands	Folistic Fulvicryands	
1286	No	3633	folistic haplocryands	Folistic Haplocryands	
1287	No	3743	folistic haplocryods	Folistic Haplocryods	
1288	No	3669	folistic haplorthels	Folistic Haplorthels	
1289	No	3672	folistic haploturbels	Folistic Haploturbels	
1290	No	3744	folistic humicryods	Folistic Humicryods	
1291	No	3673	folistic molliturbels	Folistic Molliturbels	
1292	No	3670	folistic mollorthels	Folistic Mollorthels	
1293	No	3674	folistic umbriturbels	Folistic Umbriturbels	
1294	No	3671	folistic umbrorthels	Folistic Umbrorthels	
1295	No	3634	folistic vitricryands	Folistic Vitricryands	
1296	Yes	2847	fragiaquic dystochrepts	Fragiaquic Dystochrepts	
1297	No	3239	fragiaquic dystroxerepts	Fragiaquic Dystroxerepts	
1298	No	3301	fragiaquic dystrudepts	Fragiaquic Dystrudepts	
1299	Yes	2793	fragiaquic eutroboralfs	Fragiaquic Eutroboralfs	
1300	Yes	2849	fragiaquic eutrochrepts	Fragiaquic Eutrochrepts	
1301	No	3280	fragiaquic eutrudepts	Fragiaquic Eutrudepts	
1302	Yes	2800	fragiaquic glossoboralfs	Fragiaquic Glossoboralfs	
1303	No	2890	fragiaquic glossudalfs	Fragiaquic Glossudalfs	
1304	No	2875	fragiaquic haplorthods	Fragiaquic Haplorthods	
1305	No	2826	fragiaquic haploxeralfs	Fragiaquic Haploxeralfs	
1306	No	2804	fragiaquic hapludalfs	Fragiaquic Hapludalfs	
1307	No	2883	fragiaquic hapludulfs	Fragiaquic Hapludulfs	
1308	No	2886	fragiaquic kanhapludulfs	Fragiaquic Kanhapludulfs	
1309	No	2809	fragiaquic paleudalfs	Fragiaquic Paleudalfs	
1310	No	1987	fragiaquic paleudulfs	Fragiaquic Paleudulfs	
1311	No	2830	fragiaquic palexeralfs	Fragiaquic Palexeralfs	
1312	Yes	2855	fragiaquic xerochrepts	Fragiaquic Xerochrepts	
1313	Yes	2848	fragic dystochrepts	Fragic Dystochrepts	
1314	No	3243	fragic dystroxerepts	Fragic Dystroxerepts	

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Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1315	No	3306	fragic dystrudepts	Fragic Dystrudepts	
1316	No	2780	fragic endoaqualfs	Fragic Endoaqualfs	
1317	No	2842	fragic endoaquepts	Fragic Endoaquepts	
1318	No	2782	fragic epiaqualfs	Fragic Epiaqualfs	
1319	No	2843	fragic epiaquepts	Fragic Epiaquepts	
1320	No	2880	fragic epiaquults	Fragic Epiaquults	
1321	Yes	2794	fragic eutroboralfs	Fragic Eutroboralfs	
1322	Yes	2850	fragic eutrochrepts	Fragic Eutrochrepts	
1323	No	3285	fragic eutrudepts	Fragic Eutrudepts	
1324	No	2785	fragic glossaqualfs	Fragic Glossaqualfs	
1325	Yes	2801	fragic glossoboralfs	Fragic Glossoboralfs	
1326	No	2925	fragic glossocryalfs	Fragic Glossocryalfs	
1327	No	118	fragic glossudalfs	Fragic Glossudalfs	
1328	No	2876	fragic haplorthods	Fragic Haplorthods	
1329	No	2827	fragic haploxeralfs	Fragic Haploxeralfs	
1330	No	3257	fragic haploxerepts	Fragic Haploxerepts	
1331	No	2805	fragic hapludalfs	Fragic Hapludalfs	
1332	No	2884	fragic hapludults	Fragic Hapludults	
1333	No	2887	fragic kanhapludults	Fragic Kanhapludults	
1334	No	2806	fragic oxyaquic hapludalfs	Fragic Oxyaquic Hapludalfs	
1335	No	2810	fragic paleudalfs	Fragic Paleudalfs	
1336	No	1988	fragic paleudults	Fragic Paleudults	
1337	No	2831	fragic palexeralfs	Fragic Palexeralfs	
1338	Yes	2856	fragic xerochrepts	Fragic Xerochrepts	
1339	No	3095	glacic anhyorthels	Glacic Anhyorthels	
1340	No	3050	glacic anhyturbels	Glacic Anhyturbels	
1341	No	3044	glacic aquiturbels	Glacic Aquiturbels	
1342	No	3086	glacic aquorthels	Glacic Aquorthels	
1343	No	3119	glacic argiorthels	Glacic Argiorthels	
1344	No	3021	glacic folistels	Glacic Folistels	
1345	No	3127	glacic haplorthels	Glacic Haplorthels	
1346	No	3078	glacic haploturbels	Glacic Haploturbels	
1347	No	3082	glacic historthels	Glacic Historthels	
1348	No	3040	glacic histoturbels	Glacic Histoturbels	
1349	No	3058	glacic molliturbels	Glacic Molliturbels	

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Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1350	No	3103	glacic mollorthels	Glacic Mollorthels	
1351	No	3123	glacic psammorthels	Glacic Psammorthels	
1352	No	3074	glacic psammoturbels	Glacic Psammoturbels	
1353	No	3066	glacic umbrithels	Glacic Umbrithels	
1354	No	3111	glacic umbrorthels	Glacic Umbrorthels	
1355	Yes	69	glossaquic eutroboralfts	Glossaquic Eutroboralfts	
1356	Yes	104	glossaquic fragiudalfts	Glossaquic Fragiudalfts	
1357	No	1932	glossaquic fragiudulfts	Glossaquic Fragiudulfts	
1358	No	134	glossaquic hapludalfts	Glossaquic Hapludalfts	
1359	No	2960	glossaquic natrudalfts	Glossaquic Natrudalfts	
1360	No	171	glossaquic paleudalfts	Glossaquic Paleudalfts	
1361	Yes	56	glossic cryoboralfs	Glossic Cryoboralfs	
1362	Yes	70	glossic eutroboralfs	Glossic Eutroboralfs	
1363	Yes	105	glossic fragiudalfts	Glossic Fragiudalfts	
1364	No	1933	glossic fragiudulfts	Glossic Fragiudulfts	
1365	No	135	glossic hapludalfts	Glossic Hapludalfts	
1366	No	45	glossic natraqualfts	Glossic Natraqualfts	
1367	No	3550	glossic natraquolls	Glossic Natraquolls	
1368	No	545	glossic natrargids	Glossic Natrargids	
1369	Yes	1293	glossic natriborolls	Glossic Natriborolls	
1370	Yes	162	glossic natrudalfts	Glossic Natrudalfts	
1371	No	3390	glossic natrudolls	Glossic Natrudolls	
1372	No	1427	glossic natrustolls	Glossic Natrustolls	
1373	Yes	2795	glossic oxyaquic eutroboralfs	Glossic Oxyaquic Eutroboralfs	
1374	No	172	glossic paleudalfts	Glossic Paleudalfts	
1375	Yes	1294	glossic udic natriborolls	Glossic Udic Natriborolls	
1376	No	2288	glossic ustic natrargids	Glossic Ustic Natrargids	
1377	Yes	546	glossic ustollic natrargids	Glossic Ustollic Natrargids	
1378	No	3388	glossic vertic natrudolls	Glossic Vertic Natrudolls	
1379	No	3378	glossic vertic natrustolls	Glossic Vertic Natrustolls	
1380	Yes	2225	glossoboralfic	Glossoboralfic	
1381	Yes	136	glossoboric hapludalfts	Glossoboric Hapludalfts	
1382	No	1755	grossarenic alaquods	Grossarenic Alaquods	
1383	No	1827	grossarenic alorthods	Grossarenic Alorthods	

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Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1384	No	1177	grossarenic argiaquolls	Grossarenic Argiaquolls	
1385	No	14	grossarenic endoaqualfs	Grossarenic Endoaqualfs	
1386	No	1858	grossarenic endoaquults	Grossarenic Endoaquults	
1387	Yes	1826	grossarenic entic alorthods	Grossarenic Entic Alorthods	
1388	Yes	2716	grossarenic entic haplohumods	Grossarenic Entic Haplohumods	
1389	No	22	grossarenic epiaqualfs	Grossarenic Epiaqualfs	
1390	No	1862	grossarenic epiaquults	Grossarenic Epiaquults	
1391	Yes	33	grossarenic glossaqualfs	Grossarenic Glossaqualfs	
1392	Yes	2700	grossarenic haplaquods	Grossarenic Haplaquods	
1393	Yes	2715	grossarenic haplohumods	Grossarenic Haplohumods	
1394	No	2039	grossarenic haploxerults	Grossarenic Haploxerults	
1395	No	1940	grossarenic hapludults	Grossarenic Hapludults	
1396	No	39	grossarenic kandiaqualfs	Grossarenic Kandiaqualfs	
1397	No	1875	grossarenic kandiaquults	Grossarenic Kandiaquults	
1398	No	150	grossarenic kandiudalfs	Grossarenic Kandiudalfs	
1399	No	1960	grossarenic kandiudults	Grossarenic Kandiudults	
1400	No	203	grossarenic kandiustalfs	Grossarenic Kandiustalfs	
1401	Yes	217	grossarenic natrustalfs	Grossarenic Natrustalfs	
1402	Yes	2598	grossarenic ochraqualfs	Grossarenic Ochraqualfs	
1403	No	1889	grossarenic paleaquults	Grossarenic Paleaquults	
1404	No	174	grossarenic paleudalfs	Grossarenic Paleudalfs	
1405	No	1990	grossarenic paleudults	Grossarenic Paleudults	
1406	No	229	grossarenic paleustalfs	Grossarenic Paleustalfs	
1407	No	149	grossarenic plinthic kandiudalfs	Grossarenic Plinthic Kandiudalfs	
1408	No	1959	grossarenic plinthic kandiudults	Grossarenic Plinthic Kandiudults	
1409	No	173	grossarenic plinthic paleudalfs	Grossarenic Plinthic Paleudalfs	
1410	No	1989	grossarenic plinthic paleudults	Grossarenic Plinthic Paleudults	
1411	Yes	52	grossarenic umbraqualfs	Grossarenic Umbraqualfs	
1412	No	3653	grossic hydrowassents	Grossic Hydrowassents	
1413	No	3097	gypsic anhyorthels	Gypsic Anhyorthels	
1414	No	3052	gypsic anhyturbels	Gypsic Anhyturbels	

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Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1415	No	2482	gypsic aquisalids	Gypsic Aquisalids	
1416	No	3180	gypsic calciustepts	Gypsic Calciustepts	
1417	No	3380	gypsic calciustolls	Gypsic Calciustolls	
1418	No	2487	gypsic haplosalids	Gypsic Haplosalids	
1419	No	3254	gypsic haploxerepts	Gypsic Haploxerepts	
1420	No	3208	gypsic haplustepts	Gypsic Haplustepts	
1421	No	3415	gypsic haplusterts	Gypsic Haplusterts	
1422	Yes	2853	gypsic ustochrepts	Gypsic Ustochrepts	
1423	Yes	1082	gypsic xerochrepts	Gypsic Xerochrepts	
1424	No	2126	halic calciusterts	Halic Calciusterts	
1425	No	2181	halic durixererts	Halic Durixererts	
1426	No	2064	halic endoaquerts	Halic Endoaquerts	
1427	No	2074	halic epiaquerts	Halic Epiaquerts	
1428	No	2144	halic gypsiusterts	Halic Gypsiusterts	
1429	No	3138	halic haplosaprists	Halic Haplosaprists	
1430	No	2100	halic haplotorrerts	Halic Haplotorrerts	
1431	No	2190	halic haploxererts	Halic Haploxererts	
1432	No	2155	halic haplusterts	Halic Haplusterts	
1433	No	3137	halic terric haplosaprists	Halic Terric Haplosaprists	
1434	Yes	2227	haplaquic	Haplaquic	
1435	Yes	2226	haplaquodic	Haplaquodic	
1436	Yes	3454	haplaquodic humaquepts	Haplaquodic Humaquepts	
1437	Yes	2629	haplaquodic quartzipsamments	Haplaquodic Quartzipsamments	
1438	No	2821	haplargidic natrustalfs	Haplargidic Natrustalfs	
1439	Yes	2686	haplic acrorthox	Haplic Acrorthox	
1440	Yes	2661	haplic andaquepts	Haplic Andaquepts	
1441	Yes	2711	haplic cryohumods	Haplic Cryohumods	
1442	Yes	504	haplic durargids	Haplic Durargids	
1443	No	248	haplic durixeralfs	Haplic Durixeralfs	
1444	No	2182	haplic durixererts	Haplic Durixererts	
1445	No	1485	haplic durixerolls	Haplic Durixerolls	
1446	No	1394	haplic durustolls	Haplic Durustolls	
1447	No	119	haplic glossudalfs	Haplic Glossudalfs	

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Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1448	No	2498	haplic haploxerollic durixerolls	Haplic Haploxerollic Durixerolls	
1449	Yes	535	haplic nadurargids	Haplic Nadurargids	
1450	No	547	haplic natrargids	Haplic Natrargids	
1451	No	282	haplic palexeralfs	Haplic Palexeralfs	
1452	No	2496	haplic palexerollic durixerolls	Haplic Palexerollic Durixerolls	
1453	No	1530	haplic palexerolls	Haplic Palexerolls	
1454	Yes	985	haplic placaquepts	Haplic Placaquepts	
1455	No	3411	haplic plinthustults	Haplic Plinthustults	
1456	No	661	haplic sulfaquents	Haplic Sulfaquents	
1457	No	3663	haplic sulfiwassents	Haplic Sulfiwassents	
1458	Yes	3475	haplic torriarents	Haplic Torriarents	
1459	Yes	3008	haplic udarents	Haplic Udarents	
1460	Yes	3004	haplic ustarents	Haplic Ustarents	
1461	No	2289	haplic ustic natrargids	Haplic Ustic Natrargids	
1462	Yes	1309	haplic vermiborolls	Haplic Vermiborolls	
1463	No	1359	haplic vermudolls	Haplic Vermudolls	
1464	Yes	1445	haplic vermustolls	Haplic Vermustolls	
1465	Yes	3007	haplic xerarents	Haplic Xerarents	
1466	No	3209	haplocalcidic haplustepts	Haplocalcidic Haplustepts	
1467	Yes	2571	haplocalcidic ustochrepts	Haplocalcidic Ustochrepts	
1468	No	2493	haploduridic durixerolls	Haploduridic Durixerolls	
1469	No	2576	haploduridic durustolls	Haploduridic Durustolls	
1470	Yes	2561	haploduridic torriorthents	Haploduridic Torriorthents	
1471	No	2566	haploduridic torripsamments	Haploduridic Torripsamments	
1472	Yes	2562	haploduridic xeric torriorthents	Haploduridic Xeric Torriorthents	
1473	Yes	2567	haploduridic xeric torripsamments	Haploduridic Xeric Torripsamments	
1474	No	2417	haploxeralfic argidurids	Haploxeralfic Argidurids	
1475	No	2290	haploxeralfic natrargids	Haploxeralfic Natrargids	
1476	No	3626	haploxerandic dystrocryepts	Haploxerandic Dystrocryepts	
1477	No	3610	haploxerandic haplocryepts	Haploxerandic Haplocryepts	
1478	No	3586	haploxerandic humicryepts	Haploxerandic Humicryepts	
1479	Yes	505	haploxerollic durargids	Haploxerollic Durargids	
1480	No	2499	haploxerollic durixerolls	Haploxerollic Durixerolls	

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Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1481	Yes	610	haploxerollic durorthids	Haploxerollic Durorthids	
1482	Yes	536	haploxerollic nadurargids	Haploxerollic Nadurargids	
1483	Yes	548	haploxerollic natrargids	Haploxerollic Natrargids	
1484	Yes	1310	hapludic vermiborolls	Hapludic Vermiborolls	
1485	Yes	2228	hapludollic	Hapludollic	
1486	Yes	2764	hapludollic arents	Hapludollic Arents	
1487	No	3612	haplustandic haplocryepts	Haplustandic Haplocryepts	
1488	Yes	611	haplustollic durorthids	Haplustollic Durorthids	
1489	Yes	549	haplustollic natrargids	Haplustollic Natrargids	
1490	Yes	815	hemic borofibrists	Hemic Borofibrists	
1491	Yes	913	hemic borosapristis	Hemic Borosapristis	
1492	No	3023	hemic glacistels	Hemic Glacistels	
1493	No	3424	hemic haplofibrists	Hemic Haplofibrists	
1494	No	3431	hemic haplosapristis	Hemic Haplosapristis	
1495	Yes	833	hemic medifibrists	Hemic Medifibrists	
1496	Yes	927	hemic medisapristis	Hemic Medisapristis	
1497	No	845	hemic sphagnofibrists	Hemic Sphagnofibrists	
1498	Yes	814	hemic terric borofibrists	Hemic Terric Borofibrists	
1499	Yes	912	hemic terric borosapristis	Hemic Terric Borosapristis	
1500	Yes	832	hemic terric medifibrists	Hemic Terric Medifibrists	
1501	Yes	926	hemic terric medisapristis	Hemic Terric Medisapristis	
1502	Yes	854	hemic terric tropofibrists	Hemic Terric Tropofibrists	
1503	Yes	938	hemic terric troposapristis	Hemic Terric Troposapristis	
1504	Yes	855	hemic tropofibrists	Hemic Tropofibrists	
1505	Yes	939	hemic troposapristis	Hemic Troposapristis	
1506	No	1756	histic alaquods	Histic Alaquods	
1507	Yes	2662	histic andaquepts	Histic Andaquepts	
1508	No	296	histic cryaquands	Histic Cryaquands	
1509	No	949	histic cryaquepts	Histic Cryaquepts	
1510	No	1187	histic cryaquolls	Histic Cryaquolls	
1511	No	302	histic duraquands	Histic Duraquands	
1512	No	1768	histic duraquods	Histic Duraquods	
1513	No	307	histic endoaquands	Histic Endoaquands	
1514	No	1772	histic endoaquods	Histic Endoaquods	
1515	No	1200	histic endoaquolls	Histic Endoaquolls	

NASIS 7.1.4 Domains

Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1516	No	315	histic epiaquands	Histic Epiaquands	
1517	No	1777	histic epiaquods	Histic Epiaquods	
1518	No	1209	histic epiaquolls	Histic Epiaquolls	
1519	No	1541	histic eutraquox	Histic Eutraquox	
1520	Yes	2621	histic fluvaquents	Histic Fluvaquents	
1521	No	1783	histic fragiaquods	Histic Fragiaquods	
1522	No	3500	histic gelaquands	Histic Gelaquands	
1523	No	3528	histic gelaquepts	Histic Gelaquepts	
1524	No	2906	histic glossaqualfs	Histic Glossaqualfs	
1525	Yes	2701	histic haplaquods	Histic Haplaquods	
1526	Yes	2677	histic haplaquolls	Histic Haplaquolls	
1527	No	1546	histic haplaquox	Histic Haplaquox	
1528	No	981	histic humaquepts	Histic Humaquepts	
1529	No	947	histic lithic cryaquepts	Histic Lithic Cryaquepts	
1530	Yes	948	histic pergelic cryaquepts	Histic Pergelic Cryaquepts	
1531	No	328	histic placaquands	Histic Placaquands	
1532	Yes	986	histic placaquepts	Histic Placaquepts	
1533	No	3140	histic placic petraquepts	Histic Placic Petraquepts	
1534	No	662	histic sulfaquents	Histic Sulfaquents	
1535	Yes	993	histic tropaquepts	Histic Tropaquepts	
1536	Yes	2708	histic tropaquods	Histic Tropaquods	
1537	No	333	histic vitraquands	Histic Vitraquands	
1538	No	635	humaqueptic endoaquents	Humaqueptic Endoaquents	
1539	No	641	humaqueptic epiaquents	Humaqueptic Epiaquents	
1540	No	647	humaqueptic fluvaquents	Humaqueptic Fluvaquents	
1541	No	656	humaqueptic psammaquents	Humaqueptic Psammaquents	
1542	No	1558	humic acroperox	Humic Acroperox	
1543	No	1629	humic acrudox	Humic Acrudox	
1544	No	1693	humic acrustox	Humic Acrustox	
1545	No	951	humic cryaquepts	Humic Cryaquepts	
1546	Yes	2723	humic cryorthods	Humic Cryorthods	
1547	No	1791	humic duricryods	Humic Duricryods	
1548	No	454	humic durustands	Humic Durustands	
1549	Yes	3172	humic dystrocryepts	Humic Dystrocryepts	

NASIS 7.1.4 Domains

Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1550	Yes	3537	humic dystrogelepts	Humic Dystrogelepts	
1551	No	3246	humic dystroxerepts	Humic Dystroxerepts	
1552	No	3314	humic dystrodepts	Humic Dystrodepts	
1553	No	3191	humic dystrostepts	Humic Dystrostepts	
1554	No	960	humic endoaquepts	Humic Endoaquepts	
1555	No	2504	humic epiaquepts	Humic Epiaquepts	
1556	No	1542	humic eutraquox	Humic Eutraquox	
1557	Yes	3160	humic eutrocryepts	Humic Eutrocryepts	
1558	Yes	3542	humic eutrogelepts	Humic Eutrogelepts	
1559	No	1570	humic eutroperox	Humic Eutroperox	
1560	No	3292	humic eutrudepts	Humic Eutrudepts	
1561	No	1641	humic eutrudox	Humic Eutrudox	
1562	No	1705	humic eustrtox	Humic Eustrtox	
1563	No	2904	humic fragiaqualfs	Humic Fragiaqualfs	
1564	No	970	humic fragiaquepts	Humic Fragiaquepts	
1565	Yes	3483	humic fragiorthods	Humic Fragiorthods	
1566	No	3271	humic fragiudepts	Humic Fragiudepts	
1567	No	1934	humic fragiudults	Humic Fragiudults	
1568	No	3232	humic fragixerepts	Humic Fragixerepts	
1569	No	3531	humic gelaquepts	Humic Gelaquepts	
1570	Yes	2668	humic haplaquepts	Humic Haplaquepts	
1571	No	1547	humic haplaquox	Humic Haplaquox	
1572	No	1587	humic haploperox	Humic Haploperox	
1573	Yes	2727	humic haplorthods	Humic Haplorthods	
1574	No	486	humic haploxerands	Humic Haploxerands	
1575	No	3260	humic haploxerepts	Humic Haploxerepts	
1576	No	1658	humic hapludox	Humic Hapludox	
1577	No	1941	humic hapludults	Humic Hapludults	
1578	No	462	humic haplustands	Humic Haplustands	
1579	No	1723	humic haplustox	Humic Haplustox	
1580	No	3401	humic inceptic eutroperox	Humic Inceptic Eutroperox	
1581	No	3402	humic inceptic eutrudox	Humic Inceptic Eutrudox	
1582	No	3400	humic inceptic eustrtox	Humic Inceptic Eustrtox	
1583	No	1600	humic kandiperox	Humic Kandiperox	
1584	No	1673	humic kandiudox	Humic Kandiudox	

NASIS 7.1.4 Domains

Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1585	No	1737	humic kandiuustox	Humic Kandiuustox	
1586	Yes	2229	humic lithic	Humic Lithic	
1587	Yes	2724	humic lithic cryorthods	Humic Lithic Cryorthods	
1588	Yes	3162	humic lithic dystrocryepts	Humic Lithic Dystrocryepts	
1589	No	3234	humic lithic dystroxerepts	Humic Lithic Dystroxerepts	
1590	No	3295	humic lithic dystrudepts	Humic Lithic Dystrudepts	
1591	Yes	3151	humic lithic eutrocryepts	Humic Lithic Eutrocryepts	
1592	No	3273	humic lithic eutrudepts	Humic Lithic Eutrudepts	
1593	No	3248	humic lithic haploxerepts	Humic Lithic Haploxerepts	
1594	Yes	3313	humic pachic dystrudepts	Humic Pachic Dystrudepts	
1595	Yes	950	humic pergelic cryaquepts	Humic Pergelic Cryaquepts	
1596	No	1810	humic placocryods	Humic Placocryods	
1597	No	3308	humic psammentic dystrudepts	Humic Psammentic Dystrudepts	
1598	Yes	2246	humic rhodic	Humic Rhodic	
1599	No	1556	humic rhodic acroperox	Humic Rhodic Acroperox	
1600	No	1627	humic rhodic acrudox	Humic Rhodic Acrudox	
1601	No	1691	humic rhodic acrustox	Humic Rhodic Acrustox	
1602	No	1568	humic rhodic eutroperox	Humic Rhodic Eutroperox	
1603	No	1639	humic rhodic eutrudox	Humic Rhodic Eutrudox	
1604	No	1703	humic rhodic eustrustox	Humic Rhodic Eustrustox	
1605	No	1585	humic rhodic haploperox	Humic Rhodic Haploperox	
1606	No	1656	humic rhodic hapludox	Humic Rhodic Hapludox	
1607	No	1721	humic rhodic haplustox	Humic Rhodic Haplustox	
1608	No	1598	humic rhodic kandiperox	Humic Rhodic Kandiperox	
1609	No	1671	humic rhodic kandiudox	Humic Rhodic Kandiudox	
1610	No	1735	humic rhodic kandiuustox	Humic Rhodic Kandiuustox	
1611	No	1608	humic sombriperox	Humic Sombriperox	
1612	No	1681	humic sombriudox	Humic Sombriudox	
1613	No	1745	humic sombriustox	Humic Sombriustox	
1614	No	471	humic udivitrands	Humic Udivitrands	
1615	No	478	humic ustivitrands	Humic Ustivitrands	
1616	No	361	humic vitricryands	Humic Vitricryands	
1617	No	3503	humic vitrigelands	Humic Vitrigelands	
1618	No	496	humic vitrixerands	Humic Vitrixerands	

NASIS 7.1.4 Domains

Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1619	No	1557	humic xanthic acroperox	Humic Xanthic Acroperox	
1620	No	1628	humic xanthic acrudox	Humic Xanthic Acrudox	
1621	No	1692	humic xanthic acrustox	Humic Xanthic Acrustox	
1622	No	1569	humic xanthic eutroperox	Humic Xanthic Eutroperox	
1623	No	1640	humic xanthic eutrudox	Humic Xanthic Eutrudox	
1624	No	1704	humic xanthic eustrtox	Humic Xanthic Eustrtox	
1625	No	1586	humic xanthic haploperox	Humic Xanthic Haploperox	
1626	No	1657	humic xanthic hapludox	Humic Xanthic Hapludox	
1627	No	1722	humic xanthic haplustox	Humic Xanthic Haplustox	
1628	No	1599	humic xanthic kandiperox	Humic Xanthic Kandiperox	
1629	No	1672	humic xanthic kandiudox	Humic Xanthic Kandiudox	
1630	No	1736	humic xanthic kandiustox	Humic Xanthic Kandiustox	
1631	No	360	humic xeric vitricryands	Humic Xeric Vitricryands	
1632	Yes	2230	humoxic	Humoxic	
1633	Yes	2736	humoxic tropohumults	Humoxic Tropohumults	
1634	No	982	hydraquentic humaquepts	Hydraquentic Humaquepts	
1635	No	988	hydraquentic sulfaquepts	Hydraquentic Sulfaquepts	
1636	Yes	816	hydric borofibrists	Hydric Borofibrists	
1637	Yes	874	hydric borohemists	Hydric Borohemists	
1638	No	3136	hydric cryofibrists	Hydric Cryofibrists	
1639	No	3139	hydric cryohemists	Hydric Cryohemists	
1640	No	2982	hydric durudands	Hydric Durudands	
1641	Yes	2640	hydric dystrandepts	Hydric Dystrandepts	
1642	No	308	hydric endoaquands	Hydric Endoaquands	
1643	No	316	hydric epiaquands	Hydric Epiaquands	
1644	No	3641	hydric frasiwassents	Hydric Frasiwassents	
1645	No	387	hydric fulvudands	Hydric Fulvudands	
1646	No	3419	hydric haplofibrists	Hydric Haplofibrists	
1647	No	3432	hydric haplohemists	Hydric Haplohemists	
1648	No	405	hydric hapludands	Hydric Hapludands	
1649	Yes	2641	hydric lithic dystrandepts	Hydric Lithic Dystrandepts	
1650	Yes	384	hydric lithic fulvudands	Hydric Lithic Fulvudands	
1651	Yes	834	hydric medifibrists	Hydric Medifibrists	
1652	Yes	889	hydric medihemists	Hydric Medihemists	
1653	No	322	hydric melanaquands	Hydric Melanaquands	

NASIS 7.1.4 Domains

Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1654	No	433	hydric melanudands	Hydric Melanudands	
1655	Yes	374	hydric pachic durudands	Hydric Pachic Durudands	
1656	Yes	385	hydric pachic fulvudands	Hydric Pachic Fulvudands	
1657	No	321	hydric pachic melanaquands	Hydric Pachic Melanaquands	
1658	No	432	hydric pachic melanudands	Hydric Pachic Melanudands	
1659	No	446	hydric pachic placudands	Hydric Pachic Placudands	
1660	No	447	hydric placudands	Hydric Placudands	
1661	No	846	hydric sphagnofibrists	Hydric Sphagnofibrists	
1662	Yes	386	hydric thaptic fulvudands	Hydric Thaptic Fulvudands	
1663	No	404	hydric thaptic hapludands	Hydric Thaptic Hapludands	
1664	Yes	856	hydric tropofibrists	Hydric Tropofibrists	
1665	Yes	902	hydric tropohemists	Hydric Tropohemists	
1666	No	1571	inceptic eutroperox	Inceptic Eutroperox	
1667	No	1642	inceptic eutrudox	Inceptic Eutrudox	
1668	No	1706	inceptic eustrtox	Inceptic Eustrtox	
1669	No	2955	inceptic fragixeralfs	Inceptic Fragixeralfs	
1670	No	2943	inceptic haplocryalfs	Inceptic Haplocryalfs	
1671	No	2959	inceptic haploxeralfs	Inceptic Haploxeralfs	
1672	No	2971	inceptic hapludalfs	Inceptic Hapludalfs	
1673	No	1659	inceptic hapludox	Inceptic Hapludox	
1674	No	3410	inceptic hapludults	Inceptic Hapludults	
1675	No	2954	inceptic haplustalfs	Inceptic Haplustalfs	
1676	No	1724	inceptic haplustox	Inceptic Haplustox	
1677	No	3323	inceptic haprendolls	Inceptic Haprendolls	
1678	No	2957	inceptic rhodoxeralfs	Inceptic Rhodoxeralfs	
1679	No	3404	kandic albaquults	Kandic Albaquults	
1680	No	230	kandic paleustalfs	Kandic Paleustalfs	
1681	No	1894	kandic plinthaquults	Kandic Plinthaquults	
1682	Yes	3447	kandic plinthustalfs	Kandic Plinthustalfs	
1683	No	1572	kandiudalfic eutroperox	Kandiudalfic Eutroperox	
1684	No	1643	kandiudalfic eutrudox	Kandiudalfic Eutrudox	
1685	No	1707	kandiustalfic eustrtox	Kandiustalfic Eustrtox	
1686	No	189	kanhaplic haplustalfs	Kanhaplic Haplustalfs	
1687	No	2004	kanhaplic haplustults	Kanhaplic Haplustults	
1688	No	241	kanhaplic rhodustalfs	Kanhaplic Rhodustalfs	

NASIS 7.1.4 Domains

Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1689	No	2871	lamellic argiudolls	Lamellic Argiudolls	
1690	Yes	2789	lamellic cryoboralfs	Lamellic Cryoboralfs	
1691	Yes	2846	lamellic cryochrepts	Lamellic Cryochrepts	
1692	No	3009	lamellic cryopsamments	Lamellic Cryopsamments	
1693	No	3017	lamellic cryorthents	Lamellic Cryorthents	
1694	Yes	2898	lamellic dystrochrepts	Lamellic Dystrochrepts	
1695	No	3168	lamellic dystrocryepts	Lamellic Dystrocryepts	
1696	No	3307	lamellic dystrudepts	Lamellic Dystrudepts	
1697	Yes	2796	lamellic eutroboralfs	Lamellic Eutroboralfs	
1698	Yes	2851	lamellic eutrochrepts	Lamellic Eutrochrepts	
1699	Yes	3157	lamellic eutrocryepts	Lamellic Eutrocryepts	
1700	No	3286	lamellic eutrudepts	Lamellic Eutrudepts	
1701	Yes	2802	lamellic glossoboralfs	Lamellic Glossoboralfs	
1702	No	2941	lamellic haplocryalfs	Lamellic Haplocryalfs	
1703	No	3619	lamellic haplocryepts	Lamellic Haplocryepts	
1704	No	2877	lamellic haplorthods	Lamellic Haplorthods	
1705	No	2828	lamellic haploxeralfs	Lamellic Haploxeralfs	
1706	No	3256	lamellic haploxerepts	Lamellic Haploxerepts	
1707	No	2889	lamellic haploxerults	Lamellic Haploxerults	
1708	No	2807	lamellic hapludalfs	Lamellic Hapludalfs	
1709	No	2885	lamellic hapludults	Lamellic Hapludults	
1710	No	2815	lamellic haplustalfs	Lamellic Haplustalfs	
1711	No	3204	lamellic haplustepts	Lamellic Haplustepts	
1712	No	3593	lamellic humicryepts	Lamellic Humicryepts	
1713	Yes	2797	lamellic oxyaquic eutroboralfs	Lamellic Oxyaquic Eutroboralfs	
1714	No	3579	lamellic oxyaquic haplorthods	Lamellic Oxyaquic Haplorthods	
1715	No	2811	lamellic paleudalfs	Lamellic Paleudalfs	
1716	No	2888	lamellic paleudults	Lamellic Paleudults	
1717	No	2825	lamellic paleustalfs	Lamellic Paleustalfs	
1718	No	2832	lamellic palexeralfs	Lamellic Palexeralfs	
1719	No	3012	lamellic quartzipsamments	Lamellic Quartzipsamments	
1720	No	3016	lamellic udipsamments	Lamellic Udipsamments	
1721	No	3011	lamellic ustic quartzipsamments	Lamellic Ustic Quartzipsamments	

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Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1722	No	3013	lamellic ustipsamments	Lamellic Ustipsamments	
1723	Yes	2854	lamellic ustochrepts	Lamellic Ustochrepts	
1724	Yes	2857	lamellic xerochrepts	Lamellic Xerochrepts	
1725	No	3015	lamellic xeropsamments	Lamellic Xeropsamments	
1726	No	2093	leptic calcitorrerts	Leptic Calcitorrerts	
1727	No	2127	leptic calciusterts	Leptic Calciusterts	
1728	No	2174	leptic calcixererts	Leptic Calcixererts	
1729	No	2056	leptic dystraquerts	Leptic Dystraquerts	
1730	No	2113	leptic dystruderts	Leptic Dystruderts	
1731	No	2137	leptic dystrusterts	Leptic Dystrusterts	
1732	No	2065	leptic endoaquerts	Leptic Endoaquerts	
1733	No	2075	leptic epiaquerts	Leptic Epiaquerts	
1734	No	2145	leptic gypsiusterts	Leptic Gypsiusterts	
1735	No	2459	leptic haplogypsids	Leptic Haplogypsids	
1736	No	2101	leptic haplotorrerts	Leptic Haplotorrerts	
1737	No	2191	leptic haploxererts	Leptic Haploxererts	
1738	No	2119	leptic hapluderts	Leptic Hapluderts	
1739	No	2157	leptic haplusterts	Leptic Haplusterts	
1740	No	3318	leptic natralbolls	Leptic Natralbolls	
1741	Yes	1295	leptic natriborolls	Leptic Natriborolls	
1742	No	3387	leptic natrudolls	Leptic Natrudolls	
1743	No	2822	leptic natrustalfs	Leptic Natrustalfs	
1744	No	1428	leptic natrustolls	Leptic Natrustolls	
1745	No	2083	leptic salaquerts	Leptic Salaquerts	
1746	No	2107	leptic salitorrerts	Leptic Salitorrerts	
1747	No	2167	leptic salusterts	Leptic Salusterts	
1748	No	2823	leptic torrertic natrustalfs	Leptic Torrertic Natrustalfs	
1749	No	3375	leptic torrertic natrustolls	Leptic Torrertic Natrustolls	
1750	No	2156	leptic udic haplusterts	Leptic Udic Haplusterts	
1751	Yes	2866	leptic vertic natriborolls	Leptic Vertic Natriborolls	
1752	No	3386	leptic vertic natrudolls	Leptic Vertic Natrudolls	
1753	No	3377	leptic vertic natrustolls	Leptic Vertic Natrustolls	
1754	Yes	818	limnic borofibrists	Limnic Borofibrists	
1755	Yes	876	limnic borohemists	Limnic Borohemists	
1756	Yes	915	limnic borosaprists	Limnic Borosaprists	

NASIS 7.1.4 Domains

Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1757	No	3595	limnic cryosaprist	Limnic Cryosaprist	
1758	No	3421	limnic haplofibrists	Limnic Haplofibrists	
1759	No	3434	limnic haplohemists	Limnic Haplohemists	
1760	No	3428	limnic haplosaprist	Limnic Haplosaprist	
1761	Yes	836	limnic medifibrists	Limnic Medifibrists	
1762	Yes	891	limnic medihemists	Limnic Medihemists	
1763	Yes	929	limnic medisaprist	Limnic Medisaprist	
1764	No	848	limnic sphagnofibrists	Limnic Sphagnofibrists	
1765	Yes	858	limnic tropofibrists	Limnic Tropofibrists	
1766	Yes	904	limnic tropohemists	Limnic Tropohemists	
1767	Yes	941	limnic troposaprist	Limnic Troposaprist	
1768	No	1559	lithic acroperox	Lithic Acroperox	
1769	No	1612	lithic acrotorrox	Lithic Acrotorrox	
1770	No	1630	lithic acrudox	Lithic Acrudox	
1771	No	1694	lithic acrustox	Lithic Acrustox	
1772	No	1757	lithic alaquods	Lithic Alaquods	
1773	No	3094	lithic anhyorthels	Lithic Anhyorthels	
1774	No	3049	lithic anhyturbels	Lithic Anhyturbels	
1775	No	3043	lithic aquiturbels	Lithic Aquiturbels	
1776	No	3085	lithic aquorthels	Lithic Aquorthels	
1777	Yes	1226	lithic argiborolls	Lithic Argiborolls	
1778	No	2380	lithic argicryids	Lithic Argicryids	
1779	No	3336	lithic argicryolls	Lithic Argicryolls	
1780	No	2442	lithic argigypsids	Lithic Argigypsids	
1781	No	3118	lithic argiorthels	Lithic Argiorthels	
1782	No	1326	lithic argiudolls	Lithic Argiudolls	
1783	No	1368	lithic argiustolls	Lithic Argiustolls	
1784	No	1460	lithic argixerolls	Lithic Argixerolls	
1785	Yes	817	lithic borofibrists	Lithic Borofibrists	
1786	Yes	863	lithic borofolists	Lithic Borofolists	
1787	Yes	875	lithic borohemists	Lithic Borohemists	
1788	Yes	914	lithic borosaprist	Lithic Borosaprist	
1789	No	2250	lithic calciargids	Lithic Calciargids	
1790	Yes	1238	lithic calciborolls	Lithic Calciborolls	
1791	No	3603	lithic calcicryepts	Lithic Calcicryepts	

NASIS 7.1.4 Domains

Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1792	No	2388	lithic calcicryids	Lithic Calcicryids	
1793	No	3348	lithic calcicryolls	Lithic Calcicryolls	
1794	No	2451	lithic calcigypsids	Lithic Calcigypsids	
1795	Yes	576	lithic calciorthids	Lithic Calciorthids	
1796	No	1335	lithic calciudolls	Lithic Calciudolls	
1797	No	3176	lithic calciustepts	Lithic Calciustepts	
1798	No	2128	lithic calciusterts	Lithic Calciusterts	
1799	No	1381	lithic calciustolls	Lithic Calciustolls	
1800	No	3222	lithic calcixerepts	Lithic Calcixerepts	
1801	No	2175	lithic calcixererts	Lithic Calcixererts	
1802	No	1473	lithic calcixerolls	Lithic Calcixerolls	
1803	Yes	594	lithic camborthids	Lithic Camborthids	
1804	Yes	2774	lithic cryandepts	Lithic Cryandepts	
1805	No	297	lithic cryaquands	Lithic Cryaquands	
1806	No	952	lithic cryaquepts	Lithic Cryaquepts	
1807	No	1763	lithic cryaquods	Lithic Cryaquods	
1808	Yes	57	lithic cryoboralfs	Lithic Cryoboralfs	
1809	Yes	1260	lithic cryoborolls	Lithic Cryoborolls	
1810	Yes	1003	lithic cryochrepts	Lithic Cryochrepts	
1811	No	826	lithic cryofibrists	Lithic Cryofibrists	
1812	No	865	lithic cryofolists	Lithic Cryofolists	
1813	No	882	lithic cryohemists	Lithic Cryohemists	
1814	Yes	3482	lithic cryohumods	Lithic Cryohumods	
1815	No	765	lithic cryopsamments	Lithic Cryopsamments	
1816	No	712	lithic cryorthents	Lithic Cryorthents	
1817	Yes	2725	lithic cryorthods	Lithic Cryorthods	
1818	No	919	lithic cryosaprists	Lithic Cryosaprists	
1819	No	3319	lithic cryrendolls	Lithic Cryrendolls	
1820	Yes	1135	lithic cryumbrepts	Lithic Cryumbrepts	
1821	Yes	2642	lithic dystrandepts	Lithic Dystrandepts	
1822	Yes	1023	lithic dystrochrepts	Lithic Dystrochrepts	
1823	No	3163	lithic dystrocryepts	Lithic Dystrocryepts	
1824	No	3534	lithic dystrogelepts	Lithic Dystrogelepts	
1825	Yes	1093	lithic dystropepts	Lithic Dystropepts	
1826	No	3235	lithic dystroxerepts	Lithic Dystroxerepts	

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Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1827	No	3296	lithic dystrudepts	Lithic Dystrudepts	
1828	No	3185	lithic dystrustepts	Lithic Dystrustepts	
1829	No	2138	lithic dystrusterts	Lithic Dystrusterts	
1830	No	309	lithic endoaquands	Lithic Endoaquands	
1831	No	636	lithic endoaquents	Lithic Endoaquents	
1832	No	961	lithic endoaquepts	Lithic Endoaquepts	
1833	No	2537	lithic endoaquods	Lithic Endoaquods	
1834	No	1201	lithic endoaquolls	Lithic Endoaquolls	
1835	No	1778	lithic epiaquods	Lithic Epiaquods	
1836	Yes	2646	lithic eutrandepts	Lithic Eutrandepts	
1837	Yes	71	lithic eutroboralfs	Lithic Eutroboralfs	
1838	Yes	1041	lithic eutrochrepts	Lithic Eutrochrepts	
1839	Yes	3152	lithic eutrocryepts	Lithic Eutrocryepts	
1840	Yes	3539	lithic eutrogelepts	Lithic Eutrogelepts	
1841	Yes	1107	lithic eutropepts	Lithic Eutropepts	
1842	No	1573	lithic eutroperox	Lithic Eutroperox	
1843	No	1615	lithic eutrotorrox	Lithic Eutrotorrox	
1844	No	3274	lithic eutrudepts	Lithic Eutrudepts	
1845	No	1644	lithic eutrudox	Lithic Eutrudox	
1846	No	1708	lithic eustrustox	Lithic Eustrustox	
1847	No	3026	lithic fibristels	Lithic Fibristels	
1848	No	3637	lithic fluviwassents	Lithic Fluviwassents	
1849	No	3020	lithic folistels	Lithic Folistels	
1850	No	3642	lithic frasiwassents	Lithic Frasiwassents	
1851	No	337	lithic fulvicryands	Lithic Fulvicryands	
1852	No	388	lithic fulvudands	Lithic Fulvudands	
1853	No	3527	lithic gelaquepts	Lithic Gelaquepts	
1854	Yes	86	lithic glossoboralfs	Lithic Glossoboralfs	
1855	No	2919	lithic glossocryalfs	Lithic Glossocryalfs	
1856	No	2146	lithic gypsiusterts	Lithic Gypsiusterts	
1857	Yes	2669	lithic haplaquepts	Lithic Haplaquepts	
1858	Yes	2678	lithic haplaquolls	Lithic Haplaquolls	
1859	No	521	lithic haplargids	Lithic Haplargids	
1860	Yes	1278	lithic haploborolls	Lithic Haploborolls	
1861	No	2315	lithic haplocalcids	Lithic Haplocalcids	

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Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1862	No	2356	lithic haplocambids	Lithic Haplocambids	
1863	No	2935	lithic haplocryalfs	Lithic Haplocryalfs	
1864	No	344	lithic haplocryands	Lithic Haplocryands	
1865	No	3608	lithic haplocryepts	Lithic Haplocryepts	
1866	No	2398	lithic haplocryids	Lithic Haplocryids	
1867	No	1798	lithic haplocryods	Lithic Haplocryods	
1868	No	3354	lithic haplocryolls	Lithic Haplocryolls	
1869	No	3420	lithic haplofibrists	Lithic Haplofibrists	
1870	No	3697	lithic haplogelepts	Lithic Haplogelepts	
1871	No	3575	lithic haplogelods	Lithic Haplogelods	
1872	No	3555	lithic haplogelolls	Lithic Haplogelolls	
1873	No	2458	lithic haplogypsids	Lithic Haplogypsids	
1874	No	3433	lithic haplohemists	Lithic Haplohemists	
1875	No	1814	lithic haplohumods	Lithic Haplohumods	
1876	No	1900	lithic haplohumults	Lithic Haplohumults	
1877	No	1588	lithic haploperox	Lithic Haploperox	
1878	No	3126	lithic haplorthels	Lithic Haplorthels	
1879	No	1848	lithic haplorthods	Lithic Haplorthods	
1880	No	3429	lithic haplosaprists	Lithic Haplosaprists	
1881	No	2978	lithic haplotorrands	Lithic Haplotorrands	
1882	No	1618	lithic haplotorrox	Lithic Haplotorrox	
1883	No	3077	lithic haploturbels	Lithic Haploturbels	
1884	No	3649	lithic haplowassents	Lithic Haplowassents	
1885	No	263	lithic haploxeralfs	Lithic Haploxeralfs	
1886	No	487	lithic haploxerands	Lithic Haploxerands	
1887	No	3249	lithic haploxerepts	Lithic Haploxerepts	
1888	No	2192	lithic haploxererts	Lithic Haploxererts	
1889	No	1507	lithic haploxerolls	Lithic Haploxerolls	
1890	No	2040	lithic haploxerults	Lithic Haploxerults	
1891	No	137	lithic hapludalfs	Lithic Hapludalfs	
1892	No	406	lithic hapludands	Lithic Hapludands	
1893	No	2120	lithic hapluderts	Lithic Hapluderts	
1894	No	1346	lithic hapludolls	Lithic Hapludolls	
1895	No	1660	lithic hapludox	Lithic Hapludox	
1896	No	1942	lithic hapludults	Lithic Hapludults	

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Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1897	Yes	1152	lithic haplumbrepts	Lithic Haplumbrepts	
1898	No	190	lithic haplustalfts	Lithic Haplustalfts	
1899	No	463	lithic haplustands	Lithic Haplustands	
1900	No	3194	lithic haplustepts	Lithic Haplustepts	
1901	No	2158	lithic haplusterts	Lithic Haplusterts	
1902	No	1407	lithic haplustolls	Lithic Haplustolls	
1903	No	1725	lithic haplustox	Lithic Haplustox	
1904	No	2005	lithic haplustults	Lithic Haplustults	
1905	No	3321	lithic haprendolls	Lithic Haprendolls	
1906	No	3031	lithic hemistels	Lithic Hemistels	
1907	No	3081	lithic historthels	Lithic Historthels	
1908	No	3039	lithic histoturbels	Lithic Histoturbels	
1909	No	3584	lithic humicryepts	Lithic Humicryepts	
1910	No	1805	lithic humicryods	Lithic Humicryods	
1911	No	3687	lithic humigelepts	Lithic Humigelepts	
1912	No	3571	lithic humigelods	Lithic Humigelods	
1913	Yes	1116	lithic humitropepts	Lithic Humitropepts	
1914	No	3727	lithic humixerepts	Lithic Humixerepts	
1915	No	3703	lithic humudepts	Lithic Humudepts	
1916	No	3720	lithic humustepts	Lithic Humustepts	
1917	Yes	2650	lithic hydrandepts	Lithic Hydrandepts	
1918	No	350	lithic hydrocryands	Lithic Hydrocryands	
1919	No	3654	lithic hydrowassents	Lithic Hydrowassents	
1920	No	417	lithic hydrudands	Lithic Hydrudands	
1921	No	1601	lithic kandiperox	Lithic Kandiperox	
1922	No	1674	lithic kandiudox	Lithic Kandiudox	
1923	No	1738	lithic kandiustox	Lithic Kandiustox	
1924	No	1918	lithic kanhaplohumults	Lithic Kanhaplohumults	
1925	No	158	lithic kanhapludalfts	Lithic Kanhapludalfts	
1926	No	1973	lithic kanhapludults	Lithic Kanhapludults	
1927	No	210	lithic kanhaplustalfts	Lithic Kanhaplustalfts	
1928	No	2026	lithic kanhaplustults	Lithic Kanhaplustults	
1929	Yes	835	lithic medifibrists	Lithic Medifibrists	
1930	Yes	867	lithic medifolists	Lithic Medifolists	
1931	Yes	890	lithic medihemists	Lithic Medihemists	

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Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1932	Yes	928	lithic medisapristis	Lithic Medisapristis	
1933	No	323	lithic melanaquands	Lithic Melanaquands	
1934	No	355	lithic melanocryands	Lithic Melanocryands	
1935	No	434	lithic melanudands	Lithic Melanudands	
1936	Yes	58	lithic mollic cryoboralfs	Lithic Mollic Cryoboralfs	
1937	No	264	lithic mollic haploxeralfs	Lithic Mollic Haploxeralfs	
1938	Yes	2655	lithic mollic vitrandepts	Lithic Mollic Vitrandepts	
1939	No	3057	lithic molliturbels	Lithic Molliturbels	
1940	No	3102	lithic mollorthels	Lithic Mollorthels	
1941	No	550	lithic natrargids	Lithic Natrargids	
1942	No	2467	lithic natrigypsids	Lithic Natrigypsids	
1943	No	3175	lithic petrocalcic calciustepts	Lithic Petrocalcic Calciustepts	
1944	No	1382	lithic petrocalcic calciustolls	Lithic Petrocalcic Calciustolls	
1945	No	329	lithic placaquands	Lithic Placaquands	
1946	No	448	lithic placudands	Lithic Placudands	
1947	No	657	lithic psammaquents	Lithic Psammaquents	
1948	No	3122	lithic psammorthels	Lithic Psammorthels	
1949	No	3073	lithic psammoturbels	Lithic Psammoturbels	
1950	No	3658	lithic psammowassents	Lithic Psammowassents	
1951	No	774	lithic quartzipsamments	Lithic Quartzipsamments	
1952	Yes	1319	lithic rendolls	Lithic Rendolls	
1953	No	292	lithic rhodoxeralfs	Lithic Rhodoxeralfs	
1954	No	1999	lithic rhodudults	Lithic Rhodudults	
1955	No	242	lithic rhodustalfs	Lithic Rhodustalfs	
1956	No	2033	lithic rhodustults	Lithic Rhodustults	
1957	Yes	1024	lithic ruptic-alfic dystrochrepts	Lithic Ruptic-Alfic Dystrochrepts	
1958	Yes	1042	lithic ruptic-alfic eutrochrepts	Lithic Ruptic-Alfic Eutrochrepts	
1959	Yes	1261	lithic ruptic-argic cryoborolls	Lithic Ruptic-Argic Cryoborolls	
1960	Yes	2231	lithic ruptic-entic	Lithic Ruptic-Entic	
1961	Yes	1262	lithic ruptic-entic cryoborolls	Lithic Ruptic-Entic Cryoborolls	
1962	Yes	1136	lithic ruptic-entic cryumbrepts	Lithic Ruptic-Entic Cryumbrepts	

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Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1963	No	2272	lithic ruptic-entic haplargids	Lithic Ruptic-Entic Haplargids	
1964	Yes	2776	lithic ruptic-entic hapludults	Lithic Ruptic-Entic Hapludults	
1965	Yes	2682	lithic ruptic-entic haplustolls	Lithic Ruptic-Entic Haplustolls	
1966	Yes	522	lithic ruptic-entic xerollic haplargids	Lithic Ruptic-Entic Xerollic Haplargids	
1967	No	2958	lithic ruptic-inceptic haploxeralfs	Lithic Ruptic-Inceptic Haploxeralfs	
1968	No	3444	lithic ruptic-inceptic haploxerults	Lithic Ruptic-Inceptic Haploxerults	
1969	Yes	1025	lithic ruptic-ultic dystrochrepts	Lithic Ruptic-Ultic Dystrochrepts	
1970	Yes	265	lithic ruptic-xerochreptic haploxeralfs	Lithic Ruptic-Xerochreptic Haploxeralfs	
1971	Yes	2777	lithic ruptic-xerochreptic haploxerults	Lithic Ruptic-Xerochreptic Haploxerults	
1972	Yes	1084	lithic ruptic-xerorthentic xerochrepts	Lithic Ruptic-Xerorthentic Xerochrepts	
1973	No	2168	lithic salusterts	Lithic Salusterts	
1974	No	3035	lithic sapristels	Lithic Sapristels	
1975	No	1609	lithic sombriperox	Lithic Sombriperox	
1976	No	1682	lithic sombrudox	Lithic Sombrudox	
1977	No	1746	lithic sombrustox	Lithic Sombrustox	
1978	No	847	lithic sphagnofibrists	Lithic Sphagnofibrists	
1979	No	3662	lithic sulfiwassents	Lithic Sulfiwassents	
1980	No	3130	lithic torrifolists	Lithic Torrifolists	
1981	No	721	lithic torriorthents	Lithic Torriorthents	
1982	No	785	lithic torripsamments	Lithic Torripsamments	
1983	Yes	994	lithic tropaquepts	Lithic Tropaquepts	
1984	Yes	857	lithic tropofibrists	Lithic Tropofibrists	
1985	Yes	869	lithic tropofolists	Lithic Tropofolists	
1986	Yes	903	lithic tropohemists	Lithic Tropohemists	
1987	Yes	790	lithic tropopsamments	Lithic Tropopsamments	
1988	Yes	733	lithic troporthents	Lithic Troporthents	
1989	Yes	940	lithic troposapristis	Lithic Troposapristis	
1990	Yes	2605	lithic tropudalfs	Lithic Tropudalfs	
1991	Yes	2232	lithic udic	Lithic Udic	

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Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1992	No	3134	lithic udifolists	Lithic Udifolists	
1993	No	795	lithic udipsamments	Lithic Udipsamments	
1994	No	472	lithic udivitrands	Lithic Udivitrands	
1995	No	738	lithic udorthents	Lithic Udorthents	
1996	No	1461	lithic ultic argixerolls	Lithic Ultic Argixerolls	
1997	No	1508	lithic ultic haploxerolls	Lithic Ultic Haploxerolls	
1998	Yes	2233	lithic umbric	Lithic Umbric	
1999	Yes	2656	lithic umbric vitrandepts	Lithic Umbric Vitrandepts	
2000	No	3065	lithic umbriturbels	Lithic Umbriturbels	
2001	No	3110	lithic umbrorthels	Lithic Umbrorthels	
2002	Yes	3448	lithic ustic calciorthids	Lithic Ustic Calciorthids	
2003	No	2274	lithic ustic haplargids	Lithic Ustic Haplargids	
2004	No	2314	lithic ustic haplocalcids	Lithic Ustic Haplocalcids	
2005	No	2355	lithic ustic haplocambids	Lithic Ustic Haplocambids	
2006	No	2284	lithic ustic natrargids	Lithic Ustic Natrargids	
2007	No	722	lithic ustic torriorthents	Lithic Ustic Torriorthents	
2008	No	3132	lithic ustifolists	Lithic Ustifolists	
2009	No	802	lithic ustipsamments	Lithic Ustipsamments	
2010	No	479	lithic ustivitrands	Lithic Ustivitrands	
2011	Yes	1064	lithic ustochrepts	Lithic Ustochrepts	
2012	Yes	577	lithic ustollic calciorthids	Lithic Ustollic Calciorthids	
2013	Yes	523	lithic ustollic haplargids	Lithic Ustollic Haplargids	
2014	No	747	lithic ustorthents	Lithic Ustorthents	
2015	Yes	1127	lithic ustropepts	Lithic Ustropepts	
2016	Yes	1311	lithic vermiborolls	Lithic Vermiborolls	
2017	No	1360	lithic vermudolls	Lithic Vermudolls	
2018	No	1446	lithic vermustolls	Lithic Vermustolls	
2019	Yes	2234	lithic vertic	Lithic Vertic	
2020	Yes	2681	lithic vertic argiustolls	Lithic Vertic Argiustolls	
2021	Yes	2673	lithic vertic ustropepts	Lithic Vertic Ustropepts	
2022	Yes	2654	lithic vitrandepts	Lithic Vitrandepts	
2023	No	334	lithic vitraquands	Lithic Vitraquands	
2024	No	362	lithic vitricryands	Lithic Vitricryands	
2025	No	369	lithic vitritorrands	Lithic Vitritorrands	
2026	No	497	lithic vitrixerands	Lithic Vitrixerands	

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Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
2027	No	2273	lithic xeric haplargids	Lithic Xeric Haplargids	
2028	No	2313	lithic xeric haplocalcids	Lithic Xeric Haplocalcids	
2029	No	2354	lithic xeric haplocambids	Lithic Xeric Haplocambids	
2030	No	2283	lithic xeric natrargids	Lithic Xeric Natrargids	
2031	No	723	lithic xeric torriorthents	Lithic Xeric Torriorthents	
2032	Yes	1083	lithic xerochrepts	Lithic Xerochrepts	
2033	Yes	578	lithic xerollic calciorthids	Lithic Xerollic Calciorthids	
2034	Yes	595	lithic xerollic camborthids	Lithic Xerollic Camborthids	
2035	Yes	524	lithic xerollic haplargids	Lithic Xerollic Haplargids	
2036	Yes	551	lithic xerollic natrargids	Lithic Xerollic Natrargids	
2037	No	810	lithic xeropsamments	Lithic Xeropsamments	
2038	No	759	lithic xerorthents	Lithic Xerorthents	
2039	Yes	1163	lithic xerumbrepts	Lithic Xerumbrepts	
2040	No	3477	lithic-ruptic-entic hapludults	Lithic-Ruptic-Entic Hapludults	
2041	No	6	mollic albaqualfs	Mollic Albaqualfs	
2042	Yes	2663	mollic andaquepts	Mollic Andaquepts	
2043	Yes	59	mollic cryoboralfs	Mollic Cryoboralfs	
2044	No	670	mollic cryofluvents	Mollic Cryofluvents	
2045	No	15	mollic endoaqualfs	Mollic Endoaqualfs	
2046	No	637	mollic endoaquents	Mollic Endoaquents	
2047	No	962	mollic endoaquepts	Mollic Endoaquepts	
2048	No	23	mollic epiaqualfs	Mollic Epiaqualfs	
2049	No	642	mollic epiaquents	Mollic Epiaquents	
2050	No	2505	mollic epiaquepts	Mollic Epiaquepts	
2051	Yes	72	mollic eutroboralfs	Mollic Eutroboralfs	
2052	No	648	mollic fluvaquents	Mollic Fluvaquents	
2053	Yes	106	mollic fragiudalfs	Mollic Fragiudalfs	
2054	No	254	mollic fragixeralfs	Mollic Fragixeralfs	
2055	No	34	mollic glossaqualfs	Mollic Glossaqualfs	
2056	No	2931	mollic glossocryalfs	Mollic Glossocryalfs	
2057	Yes	974	mollic halaquepts	Mollic Halaquepts	
2058	Yes	2624	mollic haplaquents	Mollic Haplaquents	
2059	Yes	2588	mollic haplaquepts	Mollic Haplaquepts	
2060	No	2949	mollic haplocryalfs	Mollic Haplocryalfs	
2061	No	266	mollic haploxeralfs	Mollic Haploxeralfs	

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Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
2062	No	138	mollic hapludalFs	Mollic HapludalFs	
2063	No	151	mollic kandiudalFs	Mollic KandiudalFs	
2064	No	46	mollic natraqualFs	Mollic NatraqualFs	
2065	Yes	163	mollic natrudalFs	Mollic NatrudalFs	
2066	No	218	mollic natrustalFs	Mollic NatrustalFs	
2067	Yes	2599	mollic ochraqualFs	Mollic OchraqualFs	
2068	No	3498	mollic oxyaquic hapludalFs	Mollic Oxyaquic HapludalFs	
2069	Yes	94	mollic paleboralFs	Mollic PaleboralFs	
2070	No	2916	mollic palecryalFs	Mollic PalecryalFs	
2071	No	175	mollic paleudalFs	Mollic PaleudalFs	
2072	No	283	mollic palexeralFs	Mollic PalexeralFs	
2073	No	658	mollic psammaquents	Mollic Psammaquents	
2074	Yes	2742	mollic torrerts	Mollic Torrerts	
2075	Yes	664	mollic udarents	Mollic Udarents	
2076	No	689	mollic udifluvents	Mollic Udifluvents	
2077	No	697	mollic ustifluvents	Mollic Ustifluvents	
2078	Yes	2657	mollic vitrandepts	Mollic Vitrandepts	
2079	Yes	2617	mollic vitrixerands	Mollic Vitrixerands	
2080	No	705	mollic xerofluvents	Mollic Xerofluvents	
2081	No	2437	natrargidic natridurids	Natrargidic Natridurids	
2082	No	2382	natric argicryids	Natric Argicryids	
2083	No	3120	natric argiorthels	Natric Argiorthels	
2084	Yes	596	natric camborthids	Natric Camborthids	
2085	Yes	1263	natric cryoborolls	Natric Cryoborolls	
2086	No	1193	natric duraquolls	Natric Duraquolls	
2087	No	249	natric durixeralfs	Natric Durixeralfs	
2088	No	1395	natric durustolls	Natric Durustolls	
2089	No	267	natric haploxeralFs	Natric HaploxeralFs	
2090	No	284	natric palexeralFs	Natric PalexeralFs	
2091	Yes	1531	natric palexerolls	Natric Palexerolls	
2092	No	2990	natric petroargids	Natric Petroargids	
2093	No	2333	natric petrocalcids	Natric Petrocalcids	
2094	No	2787	natric vermaqualFs	Natric VermaqualFs	
2095	No	2436	natrixeralfic natridurids	Natrixeralfic Natridurids	
2096	No	3098	nitric anhyorthels	Nitric Anhyorthels	

NASIS 7.1.4 Domains

Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
2097	No	3053	nitric anhyturbels	Nitric Anhyturbels	
2098	Yes	2790	ochreptic cryoboralfs	Ochreptic Cryoboralfs	
2099	Yes	2798	ochreptic eutroboralfs	Ochreptic Eutroboralfs	
2100	Yes	107	ochreptic fragiudalfs	Ochreptic Fragiudalfs	
2101	Yes	255	ochreptic fragixeralfs	Ochreptic Fragixeralfs	
2102	Yes	2803	ochreptic glossoboralfs	Ochreptic Glossoboralfs	
2103	Yes	2829	ochreptic haploxeralfs	Ochreptic Haploxeralfs	
2104	Yes	2808	ochreptic hapludalfs	Ochreptic Hapludalfs	
2105	Yes	1943	ochreptic hapludults	Ochreptic Hapludults	
2106	Yes	2816	ochreptic haplustalfs	Ochreptic Haplustalfs	
2107	Yes	293	ochreptic rhodoxeralfs	Ochreptic Rhodoxeralfs	
2108	No	2006	ombroaquic haplustults	Ombroaquic Haplustults	
2109	No	1909	ombroaquic kandihumults	Ombroaquic Kandihumults	
2110	No	1961	ombroaquic kandiudults	Ombroaquic Kandiudults	
2111	No	1919	ombroaquic kanhaplohumults	Ombroaquic Kanhaplohumults	
2112	No	1974	ombroaquic kanhapludults	Ombroaquic Kanhapludults	
2113	No	2027	ombroaquic kanhaplustults	Ombroaquic Kanhaplustults	
2114	Yes	2235	orthic	Orthic	
2115	Yes	1486	orthidic durixerolls	Orthidic Durixerolls	
2116	Yes	1396	orthidic durustolls	Orthidic Durustolls	
2117	Yes	2236	orthoxic	Orthoxic	
2118	Yes	2734	orthoxic palehumults	Orthoxic Palehumults	
2119	Yes	2737	orthoxic tropohumults	Orthoxic Tropohumults	
2120	No	1328	oxic argiudolls	Oxic Argiudolls	
2121	Yes	2643	oxic dystrandeps	Oxic Dystrandeps	
2122	Yes	1095	oxic dystropepts	Oxic Dystropepts	
2123	No	3312	oxic dystrudepts	Oxic Dystrudepts	
2124	No	3190	oxic dystrustepts	Oxic Dystrustepts	
2125	No	407	oxic hapludands	Oxic Hapludands	
2126	Yes	2607	oxic haplustalfs	Oxic Haplustalfs	
2127	No	464	oxic haplustands	Oxic Haplustands	
2128	No	3203	oxic haplustepts	Oxic Haplustepts	
2129	No	1409	oxic haplustolls	Oxic Haplustolls	
2130	Yes	2740	oxic haplustults	Oxic Haplustults	

NASIS 7.1.4 Domains

Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
2131	Yes	1118	oxic humitropepts	Oxic Humitropepts	
2132	No	3713	oxic humudepts	Oxic Humudepts	
2133	No	3724	oxic humustepts	Oxic Humustepts	
2134	Yes	2608	oxic paleustalfts	Oxic Paleustalfts	
2135	Yes	2731	oxic plinthaquults	Oxic Plinthaquults	
2136	Yes	2609	oxic rhodustalfts	Oxic Rhodustalfts	
2137	Yes	3484	oxic tropudalfts	Oxic Tropudalfts	
2138	Yes	1129	oxic ustropepts	Oxic Ustropepts	
2139	No	1828	oxyaquic alorthods	Oxyaquic Alorthods	
2140	Yes	1227	oxyaquic argiborolls	Oxyaquic Argiborolls	
2141	No	3342	oxyaquic argicryolls	Oxyaquic Argicryolls	
2142	No	1327	oxyaquic argiudolls	Oxyaquic Argiudolls	
2143	No	1369	oxyaquic argiustolls	Oxyaquic Argiustolls	
2144	No	1462	oxyaquic argixerolls	Oxyaquic Argixerolls	
2145	Yes	1239	oxyaquic calciborolls	Oxyaquic Calciborolls	
2146	No	3604	oxyaquic calcicryepts	Oxyaquic Calcicryepts	
2147	No	1383	oxyaquic calciustolls	Oxyaquic Calciustolls	
2148	No	1474	oxyaquic calcixerolls	Oxyaquic Calcixerolls	
2149	Yes	60	oxyaquic cryoboralfts	Oxyaquic Cryoboralfts	
2150	Yes	1264	oxyaquic cryoborolls	Oxyaquic Cryoborolls	
2151	Yes	1004	oxyaquic cryochrepts	Oxyaquic Cryochrepts	
2152	No	671	oxyaquic cryofluvents	Oxyaquic Cryofluvents	
2153	No	766	oxyaquic cryopsamments	Oxyaquic Cryopsamments	
2154	No	713	oxyaquic cryorthents	Oxyaquic Cryorthents	
2155	Yes	1137	oxyaquic cryumbrepts	Oxyaquic Cryumbrepts	
2156	No	3597	oxyaquic duricryands	Oxyaquic Duricryands	
2157	No	1792	oxyaquic duricryods	Oxyaquic Duricryods	
2158	Yes	1026	oxyaquic dystrochrepts	Oxyaquic Dystrochrepts	
2159	No	3167	oxyaquic dystrocryepts	Oxyaquic Dystrocryepts	
2160	Yes	1094	oxyaquic dystropepts	Oxyaquic Dystropepts	
2161	No	3242	oxyaquic dystroxerepts	Oxyaquic Dystroxerepts	
2162	No	3305	oxyaquic dystrudepts	Oxyaquic Dystrudepts	
2163	No	2114	oxyaquic dystruderts	Oxyaquic Dystruderts	
2164	Yes	73	oxyaquic eutroboralfts	Oxyaquic Eutroboralfts	
2165	Yes	1043	oxyaquic eutrochrepts	Oxyaquic Eutrochrepts	

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Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
2166	Yes	3156	oxyaquic eutrocryepts	Oxyaquic Eutrocryepts	
2167	Yes	1108	oxyaquic eutropepts	Oxyaquic Eutropepts	
2168	No	3284	oxyaquic eutrudepts	Oxyaquic Eutrudepts	
2169	Yes	80	oxyaquic fragiboralfs	Oxyaquic Fragiboralfs	
2170	No	1837	oxyaquic fragiorthods	Oxyaquic Fragiorthods	
2171	No	108	oxyaquic fragiudalfs	Oxyaquic Fragiudalfs	
2172	No	112	oxyaquic fraglossudalfs	Oxyaquic Fraglossudalfs	
2173	No	3511	oxyaquic fulvudands	Oxyaquic Fulvudands	
2174	No	3524	oxyaquic gelorthents	Oxyaquic Gelorthents	
2175	Yes	87	oxyaquic glossoboralfs	Oxyaquic Glossoboralfs	
2176	No	2924	oxyaquic glossocryalfs	Oxyaquic Glossocryalfs	
2177	No	120	oxyaquic glossudalfs	Oxyaquic Glossudalfs	
2178	Yes	1279	oxyaquic haploborolls	Oxyaquic Haploborolls	
2179	No	2940	oxyaquic haplocryalfs	Oxyaquic Haplocryalfs	
2180	No	3509	oxyaquic haplocryands	Oxyaquic Haplocryands	
2181	No	3618	oxyaquic haplocryepts	Oxyaquic Haplocryepts	
2182	No	1799	oxyaquic haplocryods	Oxyaquic Haplocryods	
2183	No	3362	oxyaquic haplocryolls	Oxyaquic Haplocryolls	
2184	No	3738	oxyaquic haplogelolls	Oxyaquic Haplogelolls	
2185	No	3408	oxyaquic haplohumults	Oxyaquic Haplohumults	
2186	No	1849	oxyaquic haplorthods	Oxyaquic Haplorthods	
2187	No	3549	oxyaquic haploxerepts	Oxyaquic Haploxerepts	
2188	No	1490	oxyaquic haploxerolls	Oxyaquic Haploxerolls	
2189	No	139	oxyaquic hapludalfs	Oxyaquic Hapludalfs	
2190	No	3512	oxyaquic hapludands	Oxyaquic Hapludands	
2191	No	2121	oxyaquic hapluderts	Oxyaquic Hapluderts	
2192	No	1347	oxyaquic hapludolls	Oxyaquic Hapludolls	
2193	No	1944	oxyaquic hapludults	Oxyaquic Hapludults	
2194	Yes	1153	oxyaquic haplumbrepts	Oxyaquic Haplumbrepts	
2195	No	191	oxyaquic haplustalfs	Oxyaquic Haplustalfs	
2196	No	3202	oxyaquic haplustepts	Oxyaquic Haplustepts	
2197	No	1408	oxyaquic haplustolls	Oxyaquic Haplustolls	
2198	No	1715	oxyaquic haplustox	Oxyaquic Haplustox	
2199	No	3592	oxyaquic humicryepts	Oxyaquic Humicryepts	
2200	No	1806	oxyaquic humicryods	Oxyaquic Humicryods	

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Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
2201	No	3690	oxyaquic humigelepts	Oxyaquic Humigelepts	
2202	Yes	1117	oxyaquic humitropepts	Oxyaquic Humitropepts	
2203	No	3732	oxyaquic humixerepts	Oxyaquic Humixerepts	
2204	No	3711	oxyaquic humudepts	Oxyaquic Humudepts	
2205	No	3723	oxyaquic humustepts	Oxyaquic Humustepts	
2206	No	152	oxyaquic kandiudalfts	Oxyaquic Kandiudalfts	
2207	No	1962	oxyaquic kandiudulfts	Oxyaquic Kandiudulfts	
2208	No	159	oxyaquic kanhapludalfts	Oxyaquic Kanhapludalfts	
2209	No	1975	oxyaquic kanhapludulfts	Oxyaquic Kanhapludulfts	
2210	Yes	95	oxyaquic paleboralfts	Oxyaquic Paleboralfts	
2211	Yes	1304	oxyaquic paleborolls	Oxyaquic Paleborolls	
2212	No	2913	oxyaquic palecryalfts	Oxyaquic Palecryalfts	
2213	No	3330	oxyaquic palecryolls	Oxyaquic Palecryolls	
2214	No	3406	oxyaquic palehumulfts	Oxyaquic Palehumulfts	
2215	No	176	oxyaquic paleudalfts	Oxyaquic Paleudalfts	
2216	No	1354	oxyaquic paleudolls	Oxyaquic Paleudolls	
2217	No	3409	oxyaquic paleudulfts	Oxyaquic Paleudulfts	
2218	No	231	oxyaquic paleustalfts	Oxyaquic Paleustalfts	
2219	Yes	2799	oxyaquic psammentic eutroboralfts	Oxyaquic Psammentic Eutroboralfts	
2220	No	775	oxyaquic quartzipsamments	Oxyaquic Quartzipsamments	
2221	No	678	oxyaquic torrifluvents	Oxyaquic Torrifluvents	
2222	No	724	oxyaquic torriorthents	Oxyaquic Torriorthents	
2223	No	3515	oxyaquic torripsamments	Oxyaquic Torripsamments	
2224	Yes	791	oxyaquic tropopsamments	Oxyaquic Tropopsamments	
2225	No	690	oxyaquic udifluvents	Oxyaquic Udifluvents	
2226	No	796	oxyaquic udipsamments	Oxyaquic Udipsamments	
2227	No	3513	oxyaquic udivitrands	Oxyaquic Udivitrands	
2228	No	739	oxyaquic udorthents	Oxyaquic Udorthents	
2229	No	2878	oxyaquic ultic haplorthods	Oxyaquic Ultic Haplorthods	
2230	No	692	oxyaquic ustifluvents	Oxyaquic Ustifluvents	
2231	No	803	oxyaquic ustipsamments	Oxyaquic Ustipsamments	
2232	No	748	oxyaquic ustorthents	Oxyaquic Ustorthents	
2233	Yes	1128	oxyaquic ustropepts	Oxyaquic Ustropepts	
2234	No	2527	oxyaquic vertic argiudolls	Oxyaquic Vertic Argiudolls	

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Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
2235	No	2969	oxyaquic vertic glossudalfts	Oxyaquic Vertic Glossudalfts	
2236	No	2516	oxyaquic vertic hapludalfts	Oxyaquic Vertic Hapludalfts	
2237	No	2519	oxyaquic vertic haplustalfts	Oxyaquic Vertic Haplustalfts	
2238	No	2521	oxyaquic vertic paleustalfts	Oxyaquic Vertic Paleustalfts	
2239	No	3583	oxyaquic vitrandic haploxerepts	Oxyaquic Vitrandic Haploxerepts	
2240	No	2834	oxyaquic vitricryands	Oxyaquic Vitricryands	
2241	No	706	oxyaquic xerofluvents	Oxyaquic Xerofluvents	
2242	No	811	oxyaquic xeropsamments	Oxyaquic Xeropsamments	
2243	No	760	oxyaquic xerorthents	Oxyaquic Xerorthents	
2244	Yes	1229	pachic argiborolls	Pachic Argiborolls	
2245	No	3343	pachic argicryolls	Pachic Argicryolls	
2246	No	1329	pachic argiudolls	Pachic Argiudolls	
2247	No	1370	pachic argiustolls	Pachic Argiustolls	
2248	No	1464	pachic argixerolls	Pachic Argixerolls	
2249	No	3350	pachic calcicryolls	Pachic Calcicryolls	
2250	No	1384	pachic calciustolls	Pachic Calciustolls	
2251	No	1475	pachic calcixerolls	Pachic Calcixerolls	
2252	Yes	1265	pachic cryoborolls	Pachic Cryoborolls	
2253	No	2983	pachic durudands	Pachic Durudands	
2254	No	2974	pachic fulvicryands	Pachic Fulvicryands	
2255	No	389	pachic fulvudands	Pachic Fulvudands	
2256	Yes	1281	pachic haploborolls	Pachic Haploborolls	
2257	No	3364	pachic haplocryolls	Pachic Haplocryolls	
2258	No	1510	pachic haploxerolls	Pachic Haploxerolls	
2259	No	3399	pachic hapludolls	Pachic Hapludolls	
2260	Yes	1154	pachic haplumbrepts	Pachic Haplumbrepts	
2261	No	2196	pachic haplustands	Pachic Haplustands	
2262	No	1410	pachic haplustolls	Pachic Haplustolls	
2263	No	3735	pachic humixerepts	Pachic Humixerepts	
2264	No	3716	pachic humudepts	Pachic Humudepts	
2265	No	2972	pachic melanaquands	Pachic Melanaquands	
2266	No	491	pachic melanoxerands	Pachic Melanoxerands	
2267	No	436	pachic melanudands	Pachic Melanudands	
2268	Yes	1305	pachic paleborolls	Pachic Paleborolls	

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Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
2269	No	3332	pachic palecryolls	Pachic Palecryolls	
2270	No	3394	pachic paleudolls	Pachic Paleudolls	
2271	No	1436	pachic paleustolls	Pachic Paleustolls	
2272	No	1532	pachic palexerolls	Pachic Palexerolls	
2273	Yes	449	pachic placudands	Pachic Placudands	
2274	Yes	2859	pachic udertic argiborolls	Pachic Udertic Argiborolls	
2275	No	3565	pachic udertic argiustolls	Pachic Udertic Argiustolls	
2276	Yes	2864	pachic udertic haploborolls	Pachic Udertic Haploborolls	
2277	No	3476	pachic udertic haplustolls	Pachic Udertic Haplustolls	
2278	Yes	1228	pachic udic argiborolls	Pachic Udic Argiborolls	
2279	Yes	1280	pachic udic haploborolls	Pachic Udic Haploborolls	
2280	No	1463	pachic ultic argixerolls	Pachic Ultic Argixerolls	
2281	No	1509	pachic ultic haploxerolls	Pachic Ultic Haploxerolls	
2282	No	1447	pachic vermustolls	Pachic Vermustolls	
2283	Yes	2860	pachic vertic argiborolls	Pachic Vertic Argiborolls	
2284	No	3395	pachic vertic argiudolls	Pachic Vertic Argiudolls	
2285	No	3566	pachic vertic argiustolls	Pachic Vertic Argiustolls	
2286	Yes	2865	pachic vertic haploborolls	Pachic Vertic Haploborolls	
2287	No	3561	pachic vertic hapludolls	Pachic Vertic Hapludolls	
2288	No	3569	pachic vertic haplustolls	Pachic Vertic Haplustolls	
2289	No	435	pachic vitric melanudands	Pachic Vitric Melanudands	
2290	Yes	1164	pachic xerumbrepts	Pachic Xerumbrepts	
2291	Yes	2572	paleargidic argiborolls	Paleargidic Argiborolls	
2292	No	2490	paleargidic durixerolls	Paleargidic Durixerolls	
2293	Yes	2237	paleustollic	Paleustollic	
2294	Yes	2750	paleustollic chromusterts	Paleustollic Chromusterts	
2295	Yes	2238	palexerollic	Palexerollic	
2296	Yes	3486	palexerollic chromoxererts	Palexerollic Chromoxererts	
2297	No	2497	palexerollic durixerolls	Palexerollic Durixerolls	
2298	Yes	2239	paralithic vertic	Paralithic Vertic	
2299	Yes	3485	paralithic vertic haplustolls	Paralithic Vertic Haplustolls	
2300	Yes	298	pergelic cryaquands	Pergelic Cryaquands	
2301	Yes	954	pergelic cryaquepts	Pergelic Cryaquepts	
2302	Yes	1764	pergelic cryaquods	Pergelic Cryaquods	
2303	Yes	1188	pergelic cryaquolls	Pergelic Cryaquolls	

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Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
2304	Yes	1266	pergelic cryoborolls	Pergelic Cryoborolls	
2305	Yes	1005	pergelic cryochrepts	Pergelic Cryochrepts	
2306	Yes	827	pergelic cryofibrists	Pergelic Cryofibrists	
2307	Yes	883	pergelic cryohemists	Pergelic Cryohemists	
2308	Yes	767	pergelic cryopsamments	Pergelic Cryopsamments	
2309	Yes	714	pergelic cryorthents	Pergelic Cryorthents	
2310	Yes	3466	pergelic cryorthods	Pergelic Cryorthods	
2311	Yes	920	pergelic cryosaprists	Pergelic Cryosaprists	
2312	Yes	1138	pergelic cryumbrepts	Pergelic Cryumbrepts	
2313	Yes	1800	pergelic haplocryods	Pergelic Haplocryods	
2314	Yes	1807	pergelic humicryods	Pergelic Humicryods	
2315	Yes	953	pergelic ruptic-histic cryaquepts	Pergelic Ruptic-Histic Cryaquepts	
2316	Yes	2240	pergelic sideric	Pergelic Sideric	
2317	Yes	849	pergelic sphagnofibrists	Pergelic Sphagnofibrists	
2318	No	1181	petrocalcic calciaquolls	Petrocalcic Calciaquolls	
2319	Yes	1240	petrocalcic calciborolls	Petrocalcic Calciborolls	
2320	No	3349	petrocalcic calcicryolls	Petrocalcic Calcicryolls	
2321	No	2094	petrocalcic calcitorrerts	Petrocalcic Calcitorrerts	
2322	No	3179	petrocalcic calciustepts	Petrocalcic Calciustepts	
2323	No	2129	petrocalcic calciusterts	Petrocalcic Calciusterts	
2324	No	1385	petrocalcic calciustolls	Petrocalcic Calciustolls	
2325	No	3224	petrocalcic calcixerepts	Petrocalcic Calcixerepts	
2326	No	2176	petrocalcic calcixererts	Petrocalcic Calcixererts	
2327	No	2975	petrocalcic duritorrands	Petrocalcic Duritorrands	
2328	No	2159	petrocalcic haplusterts	Petrocalcic Haplusterts	
2329	No	3385	petrocalcic natrudolls	Petrocalcic Natrudolls	
2330	No	219	petrocalcic natrustalFs	Petrocalcic NatrustalFs	
2331	Yes	559	petrocalcic paleargids	Petrocalcic Paleargids	
2332	Yes	1355	petrocalcic paleudolls	Petrocalcic Paleudolls	
2333	No	232	petrocalcic paleustalFs	Petrocalcic PaleustalFs	
2334	No	1437	petrocalcic paleustolls	Petrocalcic Paleustolls	
2335	No	285	petrocalcic palixeralfs	Petrocalcic Palixeralfs	
2336	No	1533	petrocalcic palixerolls	Petrocalcic Palixerolls	
2337	No	2475	petrocalcic petrogypsidS	Petrocalcic PetrogypsidS	

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Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
2338	No	294	petrocalcic rhodoxeralfs	Petrocalcic Rhodoxeralfs	
2339	Yes	560	petrocalcic ustalfic paleargids	Petrocalcic Ustalfic Paleargids	
2340	Yes	561	petrocalcic ustollic paleargids	Petrocalcic Ustollic Paleargids	
2341	Yes	3462	petrocalcic ustollic paleustolls	Petrocalcic Ustollic Paleustolls	
2342	Yes	370	petrocalcic vitritorrands	Petrocalcic Vitritorrands	
2343	Yes	1085	petrocalcic xerochrepts	Petrocalcic Xerochrepts	
2344	Yes	562	petrocalcic xerollic paleargids	Petrocalcic Xerollic Paleargids	
2345	No	2581	petrocalcicidic palexerolls	Petrocalcicidic Palexerolls	
2346	No	1560	petroferric acroperox	Petroferric Acroperox	
2347	No	1613	petroferric acrotorrox	Petroferric Acrotorrox	
2348	No	1631	petroferric acrudox	Petroferric Acrudox	
2349	No	1695	petroferric acrustox	Petroferric Acrustox	
2350	Yes	1096	petroferric dystropepts	Petroferric Dystropepts	
2351	Yes	310	petroferric endoaquands	Petroferric Endoaquands	
2352	Yes	317	petroferric epiaquands	Petroferric Epiaquands	
2353	No	1574	petroferric eutroperox	Petroferric Eutroperox	
2354	No	1616	petroferric eutrotorrox	Petroferric Eutrotorrox	
2355	No	1645	petroferric eutrudox	Petroferric Eutrudox	
2356	No	1709	petroferric eustrtox	Petroferric Eustrtox	
2357	No	1589	petroferric haploperox	Petroferric Haploperox	
2358	No	1619	petroferric haplotorrox	Petroferric Haplotorrox	
2359	Yes	408	petroferric hapludands	Petroferric Hapludands	
2360	No	1661	petroferric hapludox	Petroferric Hapludox	
2361	No	1726	petroferric haplustox	Petroferric Haplustox	
2362	No	2007	petroferric haplustults	Petroferric Haplustults	
2363	No	1602	petroferric kandiperox	Petroferric Kandiperox	
2364	No	1675	petroferric kandiudox	Petroferric Kandiudox	
2365	No	1739	petroferric kandiustox	Petroferric Kandiustox	
2366	No	1610	petroferric sombriperox	Petroferric Sombriperox	
2367	No	1683	petroferric sombriudox	Petroferric Sombriudox	
2368	No	1747	petroferric sombriustox	Petroferric Sombriustox	
2369	No	3096	petrogypsic anhyorthels	Petrogypsic Anhyorthels	

NASIS 7.1.4 Domains

Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
2370	No	3051	petrogypsic anhyturbels	Petrogypsic Anhyturbels	
2371	Yes	621	petrogypsic gypsiorthids	Petrogypsic Gypsiorthids	
2372	No	2486	petrogypsic haplosalids	Petrogypsic Haplosalids	
2373	No	2307	petrogypsic petroargids	Petrogypsic Petroargids	
2374	No	2407	petrogypsic petrocryids	Petrogypsic Petrocryids	
2375	No	2306	petrogypsic ustic petroargids	Petrogypsic Ustic	
2376	No	2347	petronodic aquicambids	Petronodic Aquicambids	
2377	No	2445	petronodic argigypsids	Petronodic Argigypsids	
2378	No	2259	petronodic calciargids	Petronodic Calciargids	
2379	No	2452	petronodic calcigypsids	Petronodic Calcigypsids	
2380	No	2278	petronodic haplargids	Petronodic Haplargids	
2381	No	2323	petronodic haplocalcids	Petronodic Haplocalcids	
2382	No	2362	petronodic haplocambids	Petronodic Haplocambids	
2383	No	2461	petronodic haplogypsids	Petronodic Haplogypsids	
2384	No	2287	petronodic natrargids	Petronodic Natrargids	
2385	No	2469	petronodic natrigypsids	Petronodic Natrigypsids	
2386	No	2301	petronodic paleargids	Petronodic Paleargids	
2387	No	2993	petronodic ustic calciargids	Petronodic Ustic Calciargids	
2388	No	3472	petronodic ustic haplargids	Petronodic Ustic Haplargids	
2389	No	2996	petronodic ustic haplocalcids	Petronodic Ustic Haplocalcids	
2390	No	2998	petronodic ustic haplocambids	Petronodic Ustic Haplocambids	
2391	No	2991	petronodic ustic paleargids	Petronodic Ustic Paleargids	
2392	No	2992	petronodic xeric calciargids	Petronodic Xeric Calciargids	
2393	No	2995	petronodic xeric haplocalcids	Petronodic Xeric Haplocalcids	
2394	No	2997	petronodic xeric haplocambids	Petronodic Xeric Haplocambids	
2395	No	1765	placic cryaquods	Placic Cryaquods	
2396	Yes	2702	placic haplaquods	Placic Haplaquods	
2397	No	351	placic hydrocryands	Placic Hydrocryands	
2398	No	3141	placic petraquepts	Placic Petraquepts	
2399	Yes	3442	plagganthreptic alorthods	Plagganthreptic Alorthods	
2400	Yes	3440	plagganthreptic fragiaquods	Plagganthreptic Fragiaquods	
2401	Yes	3443	plagganthreptic fragiorthods	Plagganthreptic Fragiorthods	

NASIS 7.1.4 Domains

Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
2402	Yes	3441	plagganthreptic haplohumods	Plagganthreptic Haplohumods	
2403	Yes	3418	plagganthreptic udipsamments	Plagganthreptic Udipsamments	
2404	Yes	1829	plaggeptic alorthods	Plaggeptic Alorthods	
2405	Yes	1784	plaggeptic fragiaquods	Plaggeptic Fragiaquods	
2406	Yes	1838	plaggeptic fragiorthods	Plaggeptic Fragiorthods	
2407	Yes	1815	plaggeptic haplohumods	Plaggeptic Haplohumods	
2408	Yes	797	plaggeptic udipsamments	Plaggeptic Udipsamments	
2409	Yes	2241	plaggic	Plaggic	
2410	No	1576	plinthaquic eutroperox	Plinthaquic Eutroperox	
2411	No	1647	plinthaquic eutrudox	Plinthaquic Eutrudox	
2412	No	1711	plinthaquic eustrtox	Plinthaquic Eustrtox	
2413	No	1936	plinthaquic fragiudults	Plinthaquic Fragiudults	
2414	No	1591	plinthaquic haploperox	Plinthaquic Haploperox	
2415	No	1663	plinthaquic hapludox	Plinthaquic Hapludox	
2416	No	1728	plinthaquic haplustox	Plinthaquic Haplustox	
2417	No	1604	plinthaquic kandiperox	Plinthaquic Kandiperox	
2418	No	154	plinthaquic kandiudalFs	Plinthaquic KandiudalFs	
2419	No	1677	plinthaquic kandiudox	Plinthaquic Kandiudox	
2420	No	1964	plinthaquic kandiudults	Plinthaquic Kandiudults	
2421	No	1741	plinthaquic kandiustox	Plinthaquic Kandiustox	
2422	No	1977	plinthaquic kanhapludults	Plinthaquic Kanhapludults	
2423	No	178	plinthaquic paleudalFs	Plinthaquic PaleudalFs	
2424	No	1992	plinthaquic paleudults	Plinthaquic Paleudults	
2425	No	1538	plinthic acraquox	Plinthic Acraquox	
2426	No	1561	plinthic acroperox	Plinthic Acroperox	
2427	Yes	2687	plinthic acrorthox	Plinthic Acrorthox	
2428	No	1632	plinthic acrudox	Plinthic Acrudox	
2429	No	1696	plinthic acrustox	Plinthic Acrustox	
2430	No	1543	plinthic eutraquox	Plinthic Eutraquox	
2431	No	1575	plinthic eutroperox	Plinthic Eutroperox	
2432	No	1646	plinthic eutrudox	Plinthic Eutrudox	
2433	No	1710	plinthic eustrtox	Plinthic Eustrtox	
2434	No	28	plinthic fragiaqualFs	Plinthic FragiaqualFs	

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Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
2435	No	1867	plinthic fragiaquults	Plinthic Fragiaquults	
2436	No	1935	plinthic fragiudults	Plinthic Fragiudults	
2437	No	1548	plinthic haplaquox	Plinthic Haplaquox	
2438	No	1901	plinthic haplohumults	Plinthic Haplohumults	
2439	No	1590	plinthic haploperox	Plinthic Haploperox	
2440	Yes	3487	plinthic haplorthox	Plinthic Haplorthox	
2441	No	268	plinthic haploxeralfs	Plinthic Haploxeralfs	
2442	No	1662	plinthic hapludox	Plinthic Hapludox	
2443	No	1727	plinthic haplustox	Plinthic Haplustox	
2444	No	2008	plinthic haplustults	Plinthic Haplustults	
2445	No	40	plinthic kandiaqualfs	Plinthic Kandiaqualfs	
2446	No	1876	plinthic kandiaquults	Plinthic Kandiaquults	
2447	No	1910	plinthic kandihumults	Plinthic Kandihumults	
2448	No	1603	plinthic kandiperox	Plinthic Kandiperox	
2449	No	153	plinthic kandiudalfs	Plinthic Kandiudalfs	
2450	No	1676	plinthic kandiudox	Plinthic Kandiudox	
2451	No	1963	plinthic kandiudults	Plinthic Kandiudults	
2452	No	204	plinthic kandiustalfs	Plinthic Kandiustalfs	
2453	No	1740	plinthic kandiustox	Plinthic Kandiustox	
2454	No	2016	plinthic kandiustults	Plinthic Kandiustults	
2455	No	1882	plinthic kanhaplaquults	Plinthic Kanhaplaquults	
2456	No	1976	plinthic kanhapludults	Plinthic Kanhapludults	
2457	No	2028	plinthic kanhaplustults	Plinthic Kanhaplustults	
2458	No	1890	plinthic paleaquults	Plinthic Paleaquults	
2459	No	1926	plinthic palehumults	Plinthic Palehumults	
2460	No	177	plinthic paleudalfs	Plinthic Paleudalfs	
2461	No	1991	plinthic paleudults	Plinthic Paleudults	
2462	No	233	plinthic paleustalfs	Plinthic Paleustalfs	
2463	No	286	plinthic palexeralfs	Plinthic Palexeralfs	
2464	No	3142	plinthic petraquepts	Plinthic Petraquepts	
2465	No	776	plinthic quartzipsamments	Plinthic Quartzipsamments	
2466	Yes	995	plinthic tropaquepts	Plinthic Tropaquepts	
2467	No	1896	plinthic umbraquults	Plinthic Umbraquults	
2468	Yes	1866	plinthudic fragiaquults	Plinthudic Fragiaquults	
2469	Yes	141	psammaquentic hapludalfs	Psammaquentic Hapludalfs	

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Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
2470	Yes	1994	psammaquentic paleudults	Psammaquentic Paleudults	
2471	No	3047	psammentic aquiturbels	Psammentic Aquiturbels	
2472	No	3092	psammentic aquorthels	Psammentic Aquorthels	
2473	No	1330	psammentic argiudolls	Psammentic Argiudolls	
2474	Yes	61	psammentic cryoboralfs	Psammentic Cryoboralfs	
2475	Yes	74	psammentic eutroboralfs	Psammentic Eutroboralfs	
2476	No	3643	psammentic frasiwassents	Psammentic Frasiwassents	
2477	Yes	88	psammentic glossoboralfs	Psammentic Glossoboralfs	
2478	No	2942	psammentic haplocryalfs	Psammentic Haplocryalfs	
2479	No	269	psammentic haploxeralfs	Psammentic Haploxeralfs	
2480	No	3374	psammentic haploxerolls	Psammentic Haploxerolls	
2481	No	2041	psammentic haploxerults	Psammentic Haploxerults	
2482	No	140	psammentic hapludalfs	Psammentic Hapludalfs	
2483	No	1945	psammentic hapludults	Psammentic Hapludults	
2484	Yes	1155	psammentic haplumbrepts	Psammentic Haplumbrepts	
2485	No	192	psammentic haplustalfs	Psammentic Haplustalfs	
2486	No	3712	psammentic humudepts	Psammentic Humudepts	
2487	No	179	psammentic paleudalfs	Psammentic Paleudalfs	
2488	No	1993	psammentic paleudults	Psammentic Paleudults	
2489	No	234	psammentic paleustalfs	Psammentic Paleustalfs	
2490	No	2833	psammentic palexeralfs	Psammentic Palexeralfs	
2491	No	2000	psammentic rhodudults	Psammentic Rhodudults	
2492	No	2034	psammentic rhodustults	Psammentic Rhodustults	
2493	Yes	1156	quartzipsammentic haplumbrepts	Quartzipsammentic Haplumbrepts	
2494	Yes	1044	rendollic eutrochrepts	Rendollic Eutrochrepts	
2495	No	3291	rendollic eutrudepts	Rendollic Eutrudepts	
2496	No	1562	rhodic acroperox	Rhodic Acroperox	
2497	No	1633	rhodic acrudox	Rhodic Acrudox	
2498	No	1697	rhodic acrustox	Rhodic Acrustox	
2499	No	1577	rhodic eutroperox	Rhodic Eutroperox	
2500	No	1648	rhodic eutrudox	Rhodic Eutrudox	
2501	No	1712	rhodic eustrustox	Rhodic Eustrustox	
2502	No	1592	rhodic haploperox	Rhodic Haploperox	
2503	No	1664	rhodic hapludox	Rhodic Hapludox	

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Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
2504	No	1729	rhodic haplustox	Rhodic Haplustox	
2505	No	1605	rhodic kandiperox	Rhodic Kandiperox	
2506	No	155	rhodic kandiudalfts	Rhodic Kandiudalfts	
2507	No	1678	rhodic kandiudox	Rhodic Kandiudox	
2508	No	1965	rhodic kandiudults	Rhodic Kandiudults	
2509	No	205	rhodic kandiustalfts	Rhodic Kandiustalfts	
2510	No	1742	rhodic kandiustox	Rhodic Kandiustox	
2511	No	2017	rhodic kandiustults	Rhodic Kandiustults	
2512	No	160	rhodic kanhapludalfts	Rhodic Kanhapludalfts	
2513	No	1978	rhodic kanhapludults	Rhodic Kanhapludults	
2514	No	211	rhodic kanhaplustalfts	Rhodic Kanhaplustalfts	
2515	No	2029	rhodic kanhaplustults	Rhodic Kanhaplustults	
2516	No	180	rhodic paleudalfts	Rhodic Paleudalfts	
2517	No	1995	rhodic paleudults	Rhodic Paleudults	
2518	No	235	rhodic paleustalfts	Rhodic Paleustalfts	
2519	No	3010	rhodic torripsamments	Rhodic Torripsamments	
2520	No	3014	rhodic ustipsamments	Rhodic Ustipsamments	
2521	No	3083	ruptic historthels	Ruptic Historthels	
2522	No	3041	ruptic histoturbels	Ruptic Histoturbels	
2523	Yes	1027	ruptic-alfic dystrochrepts	Ruptic-Alfic Dystrochrepts	
2524	No	3315	ruptic-alfic dystrudepts	Ruptic-Alfic Dystrudepts	
2525	Yes	1045	ruptic-alfic eutrochrepts	Ruptic-Alfic Eutrochrepts	
2526	No	3293	ruptic-alfic eutrudepts	Ruptic-Alfic Eutrudepts	
2527	Yes	2204	ruptic-alfic lithic	Ruptic-Alfic Lithic	
2528	Yes	2222	ruptic-entic lithic	Ruptic-Entic Lithic	
2529	No	3046	ruptic-histic aquiturbels	Ruptic-Histic Aquiturbels	
2530	No	3088	ruptic-histic aquorthels	Ruptic-Histic Aquorthels	
2531	Yes	1139	ruptic-lithic cryumbrepts	Ruptic-Lithic Cryumbrepts	
2532	Yes	1282	ruptic-lithic haploborolls	Ruptic-Lithic Haploborolls	
2533	No	1411	ruptic-lithic haplustolls	Ruptic-Lithic Haplustolls	
2534	Yes	1086	ruptic-lithic xerochrepts	Ruptic-Lithic Xerochrepts	
2535	Yes	1946	ruptic-lithic-entic hapludults	Ruptic-Lithic-Entic Hapludults	
2536	Yes	2610	ruptic-lithic-xerochreptic haploxeralfs	Ruptic-Lithic-Xerochreptic Haploxeralfs	

NASIS 7.1.4 Domains

Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
2537	Yes	2042	ruptic-lithic-xerochreptic haploxerults	Ruptic-Lithic-Xerochreptic Haploxerults	
2538	Yes	1028	ruptic-ultic dystrochrepts	Ruptic-Ultic Dystrochrepts	
2539	No	3316	ruptic-ultic dystrodepts	Ruptic-Ultic Dystrodepts	
2540	Yes	7	ruptic-vertic albaqualfs	Ruptic-Vertic Albaqualfs	
2541	No	3099	salic anhyorthels	Salic Anhyorthels	
2542	No	3054	salic anhyturbels	Salic Anhyturbels	
2543	No	3091	salic aquorthels	Salic Aquorthels	
2544	No	3580	salic sulfaquerts	Salic Sulfaquerts	
2545	No	2574	salidic calciustolls	Salidic Calciustolls	
2546	Yes	2573	salidic haploborolls	Salidic Haploborolls	
2547	No	2577	salidic haplustolls	Salidic Haplustolls	
2548	No	2541	salidic natrustalfs	Salidic Natrustalfs	
2549	No	2570	salidic sulfaquepts	Salidic Sulfaquepts	
2550	Yes	1386	salorthidic calciustolls	Salorthidic Calciustolls	
2551	Yes	1283	salorthidic haploborolls	Salorthidic Haploborolls	
2552	Yes	1412	salorthidic haplustolls	Salorthidic Haplustolls	
2553	Yes	220	salorthidic natrustalfs	Salorthidic Natrustalfs	
2554	Yes	989	salorthidic sulfaquepts	Salorthidic Sulfaquepts	
2555	Yes	819	sapric borofibrists	Sapric Borofibrists	
2556	Yes	877	sapric borohemists	Sapric Borohemists	
2557	No	3676	sapric frasiwassists	Sapric Frasiwassists	
2558	No	3024	sapric glacistels	Sapric Glacistels	
2559	No	3438	sapric haplohemists	Sapric Haplohemists	
2560	No	3680	sapric haplowassists	Sapric Haplowassists	
2561	Yes	837	sapric medifibrists	Sapric Medifibrists	
2562	Yes	892	sapric medihemists	Sapric Medihemists	
2563	Yes	850	sapric sphagnofibrists	Sapric Sphagnofibrists	
2564	No	3683	sapric sulfiwassists	Sapric Sulfiwassists	
2565	Yes	820	sapric terric borofibrists	Sapric Terric Borofibrists	
2566	Yes	878	sapric terric borohemists	Sapric Terric Borohemists	
2567	Yes	838	sapric terric medifibrists	Sapric Terric Medifibrists	
2568	Yes	893	sapric terric medihemists	Sapric Terric Medihemists	
2569	Yes	860	sapric terric tropofibrists	Sapric Terric Tropofibrists	
2570	Yes	906	sapric terric tropohemists	Sapric Terric Tropohemists	

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Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
2571	Yes	859	sapric tropofibrists	Sapric Tropofibrists	
2572	Yes	905	sapric tropohemists	Sapric Tropohemists	
2573	Yes	2242	sideric	Sideric	
2574	Yes	2693	sideric cryaquods	Sideric Cryaquods	
2575	Yes	2709	sideric tropaquods	Sideric Tropaquods	
2576	No	2344	sodic aquicambids	Sodic Aquicambids	
2577	No	2130	sodic calciusterts	Sodic Calciusterts	
2578	No	3225	sodic calcixerepts	Sodic Calcixerepts	
2579	No	2183	sodic durixererts	Sodic Durixererts	
2580	No	3003	sodic endoaquents	Sodic Endoaquents	
2581	No	2066	sodic endoaquerts	Sodic Endoaquerts	
2582	No	2195	sodic epiaquerts	Sodic Epiaquerts	
2583	No	2147	sodic gypsiusterts	Sodic Gypsiusterts	
2584	No	2326	sodic haplocalcids	Sodic Haplocalcids	
2585	No	2365	sodic haplocambids	Sodic Haplocambids	
2586	No	2087	sodic haplocryerts	Sodic Haplocryerts	
2587	No	2460	sodic haplogypsids	Sodic Haplogypsids	
2588	No	2102	sodic haplotorrerts	Sodic Haplotorrerts	
2589	No	2193	sodic haploxererts	Sodic Haploxererts	
2590	No	2160	sodic haplusterts	Sodic Haplusterts	
2591	No	2089	sodic humicryerts	Sodic Humicryerts	
2592	No	3001	sodic hydraquents	Sodic Hydraquents	
2593	No	2374	sodic petrocambids	Sodic Petrocambids	
2594	No	3002	sodic psammaquents	Sodic Psammaquents	
2595	No	2169	sodic salusterts	Sodic Salusterts	
2596	Yes	3473	sodic torriarents	Sodic Torriarents	
2597	No	2325	sodic ustic haplocalcids	Sodic Ustic Haplocalcids	
2598	No	2364	sodic ustic haplocambids	Sodic Ustic Haplocambids	
2599	No	2844	sodic vermaquepts	Sodic Vermaquepts	
2600	Yes	3005	sodic xerarents	Sodic Xerarents	
2601	No	2324	sodic xeric haplocalcids	Sodic Xeric Haplocalcids	
2602	No	2363	sodic xeric haplocambids	Sodic Xeric Haplocambids	
2603	No	1966	sombric kandiudults	Sombric Kandiudults	
2604	Yes	2243	sombrihumic	Sombrihumic	
2605	Yes	822	sphagnic borofibrists	Sphagnic Borofibrists	

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Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
2606	No	828	sphagnic cryofibrists	Sphagnic Cryofibrists	
2607	No	3029	sphagnic fibristels	Sphagnic Fibristels	
2608	Yes	840	sphagnic medifibrists	Sphagnic Medifibrists	
2609	Yes	821	sphagnic terric borofibrists	Sphagnic Terric Borofibrists	
2610	Yes	839	sphagnic terric medifibrists	Sphagnic Terric Medifibrists	
2611	No	768	spodic cryopsamments	Spodic Cryopsamments	
2612	No	3169	spodic dystrocryepts	Spodic Dystrocryepts	
2613	No	3311	spodic dystrodepts	Spodic Dystrodepts	
2614	No	3508	spodic haplocryands	Spodic Haplocryands	
2615	No	3599	spodic humicryepts	Spodic Humicryepts	
2616	No	1996	spodic paleudults	Spodic Paleudults	
2617	No	659	spodic psammaquents	Spodic Psammaquents	
2618	No	3124	spodic psammorthels	Spodic Psammorthels	
2619	No	3075	spodic psammoturbels	Spodic Psammoturbels	
2620	No	777	spodic quartzipsamments	Spodic Quartzipsamments	
2621	No	798	spodic udipsamments	Spodic Udipsamments	
2622	No	2613	spodic vitricryands	Spodic Vitricryands	
2623	Yes	2618	spodic vitrixerands	Spodic Vitrixerands	
2624	No	2057	sulfaqueptic dystraquerts	Sulfaqueptic Dystraquerts	
2625	No	955	sulfic cryaquepts	Sulfic Cryaquepts	
2626	No	638	sulfic endoaquents	Sulfic Endoaquents	
2627	No	963	sulfic endoaquepts	Sulfic Endoaquepts	
2628	No	649	sulfic fluvaquents	Sulfic Fluvaquents	
2629	No	3636	sulfic fluviwassents	Sulfic Fluviwassents	
2630	Yes	2670	sulfic haplaquepts	Sulfic Haplaquepts	
2631	No	3648	sulfic haplowassents	Sulfic Haplowassents	
2632	No	3678	sulfic haplowassists	Sulfic Haplowassists	
2633	No	3000	sulfic hydraquents	Sulfic Hydraquents	
2634	No	3652	sulfic hydrowassents	Sulfic Hydrowassents	
2635	No	3657	sulfic psammowassents	Sulfic Psammowassents	
2636	No	3581	sulfic sulfaquerts	Sulfic Sulfaquerts	
2637	Yes	996	sulfic tropaquepts	Sulfic Tropaquepts	
2638	No	3045	sulfuric aquiturbels	Sulfuric Aquiturbels	
2639	No	3087	sulfuric aquorthels	Sulfuric Aquorthels	
2640	Yes	823	terrific borofibrists	Terrific Borofibrists	

NASIS 7.1.4 Domains

Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
2641	Yes	879	terrific borohemists	Terrific Borohemists	
2642	Yes	916	terrific borosapristis	Terrific Borosapristis	
2643	No	829	terrific cryofibrists	Terrific Cryofibrists	
2644	No	884	terrific cryohemists	Terrific Cryohemists	
2645	No	921	terrific cryosapristis	Terrific Cryosapristis	
2646	No	3027	terrific fibristels	Terrific Fibristels	
2647	No	3422	terrific haplofibrists	Terrific Haplofibrists	
2648	No	3435	terrific haplohemists	Terrific Haplohemists	
2649	No	3430	terrific haplosapristis	Terrific Haplosapristis	
2650	No	3032	terrific hemistels	Terrific Hemistels	
2651	Yes	841	terrific medifibrists	Terrific Medifibrists	
2652	Yes	894	terrific medihemists	Terrific Medihemists	
2653	Yes	930	terrific medisapristis	Terrific Medisapristis	
2654	No	3036	terrific sapristels	Terrific Sapristels	
2655	No	851	terrific sphagnofibrists	Terrific Sphagnofibrists	
2656	No	896	terrific sulfihemists	Terrific Sulfihemists	
2657	No	932	terrific sulfisapristis	Terrific Sulfisapristis	
2658	Yes	861	terrific tropofibrists	Terrific Tropofibrists	
2659	Yes	907	terrific tropohemists	Terrific Tropohemists	
2660	Yes	942	terrific troposapristis	Terrific Troposapristis	
2661	No	299	thaptic cryaquands	Thaptic Cryaquands	
2662	No	303	thaptic duraquands	Thaptic Duraquands	
2663	Yes	375	thaptic durudands	Thaptic Durudands	
2664	No	455	thaptic durustands	Thaptic Durustands	
2665	No	311	thaptic endoaquands	Thaptic Endoaquands	
2666	No	318	thaptic epiaquands	Thaptic Epiaquands	
2667	No	390	thaptic fulvudands	Thaptic Fulvudands	
2668	No	3501	thaptic gelaquands	Thaptic Gelaquands	
2669	No	345	thaptic haplocryands	Thaptic Haplocryands	
2670	No	488	thaptic haploxerands	Thaptic Haploxerands	
2671	No	409	thaptic hapludands	Thaptic Hapludands	
2672	No	465	thaptic haplustands	Thaptic Haplustands	
2673	No	352	thaptic hydrocryands	Thaptic Hydrocryands	
2674	No	418	thaptic hydrudands	Thaptic Hydrudands	
2675	No	324	thaptic melanaquands	Thaptic Melanaquands	

NASIS 7.1.4 Domains

Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
2676	No	437	thaptic melanudands	Thaptic Melanudands	
2677	No	330	thaptic placaquands	Thaptic Placaquands	
2678	Yes	450	thaptic placudands	Thaptic Placudands	
2679	No	473	thaptic udivitrands	Thaptic Udivitrands	
2680	No	480	thaptic ustivitrands	Thaptic Ustivitrands	
2681	No	335	thaptic vitraquands	Thaptic Vitraquands	
2682	No	363	thaptic vitricryands	Thaptic Vitricryands	
2683	No	498	thaptic vitrixerands	Thaptic Vitrixerands	
2684	No	1189	thapto-histic cryaquolls	Thapto-Histic Cryaquolls	
2685	No	1202	thapto-histic endoaquolls	Thapto-Histic Endoaquolls	
2686	No	1210	thapto-histic epiaquolls	Thapto-Histic Epiaquolls	
2687	No	650	thapto-histic fluvaquents	Thapto-Histic Fluvaquents	
2688	No	3638	thapto-histic fluviwassents	Thapto-Histic Fluviwassents	
2689	No	3644	thapto-histic frasiwassents	Thapto-Histic Frasiwassents	
2690	Yes	2679	thapto-histic haplaquolls	Thapto-Histic Haplaquolls	
2691	No	2835	thapto-histic hydraquents	Thapto-Histic Hydraquents	
2692	No	3655	thapto-histic hydrowassents	Thapto-Histic Hydrowassents	
2693	No	2999	thapto-histic sulfaquents	Thapto-Histic Sulfaquents	
2694	No	3664	thapto-histic sulfiwassents	Thapto-Histic Sulfiwassents	
2695	Yes	651	thapto-histic tropic fluvaquents	Thapto-Histic Tropic Fluvaquents	
2696	Yes	1230	torrertic argiborolls	Torrertic Argiborolls	
2697	No	1371	torrertic argiustolls	Torrertic Argiustolls	
2698	No	1465	torrertic argixerolls	Torrertic Argixerolls	
2699	No	3177	torrertic calciustepts	Torrertic Calciustepts	
2700	No	1387	torrertic calciustolls	Torrertic Calciustolls	
2701	No	3546	torrertic dystrustepts	Torrertic Dystrustepts	
2702	No	1514	torrertic haploxerolls	Torrertic Haploxerolls	
2703	No	2817	torrertic haplustalfs	Torrertic Haplustalfs	
2704	No	3196	torrertic haplustepts	Torrertic Haplustepts	
2705	No	1416	torrertic haplustolls	Torrertic Haplustolls	
2706	Yes	2867	torrertic natriborolls	Torrertic Natriborolls	
2707	No	2824	torrertic natrustalfs	Torrertic Natrustalfs	
2708	No	3376	torrertic natrustolls	Torrertic Natrustolls	
2709	No	1438	torrertic paleustolls	Torrertic Paleustolls	

NASIS 7.1.4 Domains

Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
2710	No	2839	torrertic ustifluvents	Torrertic Ustifluvents	
2711	Yes	1066	torrertic ustochrepts	Torrertic Ustochrepts	
2712	No	3019	torrertic ustorthents	Torrertic Ustorthents	
2713	Yes	1284	torrifluventic haploborolls	Torrifluventic Haploborolls	
2714	No	1511	torrifluventic haploxerolls	Torrifluventic Haploxerolls	
2715	No	3205	torrifluventic haplustepts	Torrifluventic Haplustepts	
2716	No	1413	torrifluventic haplustolls	Torrifluventic Haplustolls	
2717	Yes	1065	torrifluventic ustochrepts	Torrifluventic Ustochrepts	
2718	Yes	1285	torriorthentic haploborolls	Torriorthentic Haploborolls	
2719	No	1512	torriorthentic haploxerolls	Torriorthentic Haploxerolls	
2720	No	1414	torriorthentic haplustolls	Torriorthentic Haplustolls	
2721	No	1513	torripsammentic haploxerolls	Torripsammentic Haploxerolls	
2722	No	1415	torroxic haplustolls	Torroxic Haplustolls	
2723	Yes	2244	tropaquodic	Tropaquodic	
2724	Yes	2245	tropeptic	Tropeptic	
2725	Yes	2688	tropeptic eutrorthox	Tropeptic Eutrorthox	
2726	Yes	2770	tropeptic eustrtox	Tropeptic Eustrtox	
2727	Yes	2690	tropeptic haplorthox	Tropeptic Haplorthox	
2728	Yes	2692	tropeptic haplustox	Tropeptic Haplustox	
2729	Yes	2691	tropeptic umbriorthox	Tropeptic Umbriorthox	
2730	Yes	652	tropic fluvaquents	Tropic Fluvaquents	
2731	No	3696	turbic dystrogelepts	Turbic Dystrogelepts	
2732	No	3631	turbic gelaquands	Turbic Gelaquands	
2733	No	3685	turbic gelaquepts	Turbic Gelaquepts	
2734	No	3701	turbic haplogelepts	Turbic Haplogelepts	
2735	No	3745	turbic haplogelods	Turbic Haplogelods	
2736	No	3739	turbic haplogelolls	Turbic Haplogelolls	
2737	No	3692	turbic humigelepts	Turbic Humigelepts	
2738	No	3746	turbic humigelods	Turbic Humigelods	
2739	No	3635	turbic vitrigelands	Turbic Vitrigelands	
2740	No	1536	typic acraquox	Typic Acraquox	
2741	Yes	2683	typic acrohumox	Typic Acrohumox	
2742	No	1551	typic acroperox	Typic Acroperox	
2743	Yes	2685	typic acrorthox	Typic Acrorthox	

NASIS 7.1.4 Domains

Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
2744	No	1611	typic acrotorrox	Typic Acrotorrox	
2745	No	1620	typic acrudox	Typic Acrudox	
2746	No	1684	typic acrustox	Typic Acrustox	
2747	Yes	97	typic agrudalfs	Typic Agrudalfs	
2748	No	1748	typic alaquods	Typic Alaquods	
2749	No	1	typic albaqualfs	Typic Albaqualfs	
2750	No	1852	typic albaquults	Typic Albaquults	
2751	No	1821	typic alorthods	Typic Alorthods	
2752	Yes	2659	typic andaquepts	Typic Andaquepts	
2753	No	3101	typic anhyorthels	Typic Anhyorthels	
2754	No	3056	typic anhyturbels	Typic Anhyturbels	
2755	Yes	2343	typic anthracambids	Typic Anthracambids	
2756	No	2353	typic aquicambids	Typic Aquicambids	
2757	No	2484	typic aquisalids	Typic Aquisalids	
2758	No	3048	typic aquiturbels	Typic Aquiturbels	
2759	No	3093	typic aquorthels	Typic Aquorthels	
2760	No	1166	typic argialbolls	Typic Argialbolls	
2761	No	1174	typic argiaquolls	Typic Argiaquolls	
2762	Yes	1214	typic argiborolls	Typic Argiborolls	
2763	No	2387	typic argicryids	Typic Argicryids	
2764	No	3347	typic argicryolls	Typic Argicryolls	
2765	No	2423	typic argidurids	Typic Argidurids	
2766	No	2450	typic argigypsids	Typic Argigypsids	
2767	No	3121	typic argiorthels	Typic Argiorthels	
2768	No	1321	typic argiudolls	Typic Argiudolls	
2769	No	1361	typic argiustolls	Typic Argiustolls	
2770	No	1448	typic argixerolls	Typic Argixerolls	
2771	Yes	812	typic borofibrists	Typic Borofibrists	
2772	Yes	862	typic borofolists	Typic Borofolists	
2773	Yes	870	typic borohemists	Typic Borohemists	
2774	Yes	908	typic borosaprists	Typic Borosaprists	
2775	No	2043	typic calciaquerts	Typic Calciaquerts	
2776	No	1179	typic calciaquolls	Typic Calciaquolls	
2777	No	2264	typic calciargids	Typic Calciargids	
2778	Yes	1235	typic calciborolls	Typic Calciborolls	

NASIS 7.1.4 Domains

Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
2779	No	3607	typic calcicryepts	Typic Calcicryepts	
2780	No	2393	typic calcicryids	Typic Calcicryids	
2781	No	3353	typic calcicryolls	Typic Calcicryolls	
2782	No	2457	typic calcigypsids	Typic Calcigypsids	
2783	Yes	568	typic calciorthids	Typic Calciorthids	
2784	No	2090	typic calcitorrerts	Typic Calcitorrerts	
2785	No	1333	typic calciudolls	Typic Calciudolls	
2786	No	3184	typic calciustepts	Typic Calciustepts	
2787	No	2122	typic calciusterts	Typic Calciusterts	
2788	No	1378	typic calciustolls	Typic Calciustolls	
2789	No	3228	typic calcixerepts	Typic Calcixerepts	
2790	No	2170	typic calcixererts	Typic Calcixererts	
2791	No	1470	typic calcixerolls	Typic Calcixerolls	
2792	Yes	583	typic camborthids	Typic Camborthids	
2793	Yes	2756	typic chromoxererts	Typic Chromoxererts	
2794	Yes	2743	typic chromuderts	Typic Chromuderts	
2795	Yes	2590	typic chromusterts	Typic Chromusterts	
2796	Yes	2632	typic cryandepts	Typic Cryandepts	
2797	No	2903	typic cryaqualfs	Typic Cryaqualfs	
2798	No	295	typic cryaquands	Typic Cryaquands	
2799	No	631	typic cryaquents	Typic Cryaquents	
2800	No	943	typic cryaquepts	Typic Cryaquepts	
2801	No	1759	typic cryaquods	Typic Cryaquods	
2802	No	1182	typic cryaquolls	Typic Cryaquolls	
2803	Yes	53	typic cryoboralfs	Typic Cryoboralfs	
2804	Yes	1242	typic cryoborolls	Typic Cryoborolls	
2805	Yes	998	typic cryochrepts	Typic Cryochrepts	
2806	No	824	typic cryofibrists	Typic Cryofibrists	
2807	No	667	typic cryofluvents	Typic Cryofluvents	
2808	No	864	typic cryofolists	Typic Cryofolists	
2809	No	880	typic cryohemists	Typic Cryohemists	
2810	Yes	2710	typic cryohumods	Typic Cryohumods	
2811	No	762	typic cryopsamments	Typic Cryopsamments	
2812	No	709	typic cryorthents	Typic Cryorthents	
2813	Yes	2719	typic cryorthods	Typic Cryorthods	

NASIS 7.1.4 Domains

Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
2814	No	917	typic cryosaprists	Typic Cryosaprists	
2815	No	3320	typic cryrendolls	Typic Cryrendolls	
2816	Yes	1131	typic cryumbrepts	Typic Cryumbrepts	
2817	No	2538	typic duraqualfs	Typic Duraqualfs	
2818	No	300	typic duraquands	Typic Duraquands	
2819	No	2045	typic duraquerts	Typic Duraquerts	
2820	No	1766	typic duraquods	Typic Duraquods	
2821	No	1191	typic duraquolls	Typic Duraquolls	
2822	Yes	500	typic durargids	Typic Durargids	
2823	No	3470	typic duricryands	Typic Duricryands	
2824	No	1787	typic duricryods	Typic Duricryods	
2825	No	3327	typic duricryolls	Typic Duricryolls	
2826	No	1816	typic durihumods	Typic Durihumods	
2827	No	2977	typic duritorrands	Typic Duritorrands	
2828	No	244	typic durixeralfs	Typic Durixeralfs	
2829	No	3221	typic durixerepts	Typic Durixerepts	
2830	No	2177	typic durixererts	Typic Durixererts	
2831	No	1478	typic durixerolls	Typic Durixerolls	
2832	Yes	1007	typic durochrepts	Typic Durochrepts	
2833	Yes	606	typic durorthids	Typic Durorthids	
2834	No	1831	typic durorthods	Typic Durorthods	
2835	No	371	typic durudands	Typic Durudands	
2836	No	3267	typic durudepts	Typic Durudepts	
2837	No	2543	typic durustalfs	Typic Durustalfs	
2838	No	452	typic durustands	Typic Durustands	
2839	No	3174	typic durustepts	Typic Durustepts	
2840	No	1391	typic durustolls	Typic Durustolls	
2841	Yes	2637	typic dystrandepts	Typic Dystrandepts	
2842	No	2050	typic dystraquerts	Typic Dystraquerts	
2843	Yes	1016	typic dystrochrepts	Typic Dystrochrepts	
2844	No	3173	typic dystrocryepts	Typic Dystrocryepts	
2845	No	3538	typic dystrogelepts	Typic Dystrogelepts	
2846	Yes	1089	typic dystropepts	Typic Dystropepts	
2847	No	3247	typic dystroxerepts	Typic Dystroxerepts	
2848	No	3317	typic dystrudepts	Typic Dystrudepts	

NASIS 7.1.4 Domains

Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
2849	No	2108	typic dystruderts	Typic Dystruderts	
2850	No	3192	typic dystrustepts	Typic Dystrustepts	
2851	No	2132	typic dystrusterts	Typic Dystrusterts	
2852	No	10	typic endoaqualfs	Typic Endoaqualfs	
2853	No	304	typic endoaquands	Typic Endoaquands	
2854	No	633	typic endoaquents	Typic Endoaquents	
2855	No	957	typic endoaquepts	Typic Endoaquepts	
2856	No	2059	typic endoaquerts	Typic Endoaquerts	
2857	No	1769	typic endoaquods	Typic Endoaquods	
2858	No	1195	typic endoaquolls	Typic Endoaquolls	
2859	No	1855	typic endoaquults	Typic Endoaquults	
2860	No	17	typic epiaqualfs	Typic Epiaqualfs	
2861	No	312	typic epiaquands	Typic Epiaquands	
2862	No	639	typic epiaquents	Typic Epiaquents	
2863	No	965	typic epiaquepts	Typic Epiaquepts	
2864	No	2069	typic epiaquerts	Typic Epiaquerts	
2865	No	1774	typic epiaquods	Typic Epiaquods	
2866	No	1204	typic epiaquolls	Typic Epiaquolls	
2867	No	1859	typic epiaquults	Typic Epiaquults	
2868	Yes	2644	typic eutrandepts	Typic Eutrandepts	
2869	No	1539	typic eutraquox	Typic Eutraquox	
2870	Yes	64	typic eutroboralfs	Typic Eutroboralfs	
2871	Yes	1031	typic eutrochrepts	Typic Eutrochrepts	
2872	Yes	3161	typic eutrocryepts	Typic Eutrocryepts	
2873	Yes	3543	typic eutrogelepts	Typic Eutrogelepts	
2874	Yes	1101	typic eutropepts	Typic Eutropepts	
2875	No	1564	typic eutroperox	Typic Eutroperox	
2876	Yes	3490	typic eutrorthox	Typic Eutrorthox	
2877	No	1614	typic eutrotorrox	Typic Eutrotorrox	
2878	No	3294	typic eutrudepts	Typic Eutrudepts	
2879	No	1635	typic eutrudox	Typic Eutrudox	
2880	No	1699	typic eustrustox	Typic Eustrustox	
2881	No	98	typic ferrudalfs	Typic Ferrudalfs	
2882	No	3030	typic fibristels	Typic Fibristels	
2883	No	643	typic fluvaquents	Typic Fluvaquents	

NASIS 7.1.4 Domains

Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
2884	No	3640	typic fluviwassents	Typic Fluviwassents	
2885	No	3022	typic folistels	Typic Folistels	
2886	No	26	typic fragiaqualfs	Typic Fragiaqualfs	
2887	No	968	typic fragiaquepts	Typic Fragiaquepts	
2888	No	1781	typic fragiaquods	Typic Fragiaquods	
2889	No	1864	typic fragiaquults	Typic Fragiaquults	
2890	Yes	77	typic fragiboralfs	Typic Fragiboralfs	
2891	No	1811	typic fragihumods	Typic Fragihumods	
2892	Yes	1048	typic fragiochrepts	Typic Fragiochrepts	
2893	No	1833	typic fragiorthods	Typic Fragiorthods	
2894	No	100	typic fragiudalfs	Typic Fragiudalfs	
2895	No	3272	typic fragiudepts	Typic Fragiudepts	
2896	No	1929	typic fragiudults	Typic Fragiudults	
2897	Yes	1141	typic fragiumbrepts	Typic Fragiumbrepts	
2898	No	251	typic fragixeralfs	Typic Fragixeralfs	
2899	No	3233	typic fragixerepts	Typic Fragixerepts	
2900	No	110	typic fraglossudalfs	Typic Fraglossudalfs	
2901	No	3647	typic frasiwassents	Typic Frasiwassents	
2902	No	3677	typic frasiwassists	Typic Frasiwassists	
2903	No	336	typic fulvicryands	Typic Fulvicryands	
2904	No	376	typic fulvudands	Typic Fulvudands	
2905	No	3502	typic gelaquands	Typic Gelaquands	
2906	No	3519	typic gelaquents	Typic Gelaquents	
2907	No	3532	typic gelaquepts	Typic Gelaquepts	
2908	Yes	339	typic gelicryands	Typic Gelicryands	
2909	No	3521	typic gelifluvents	Typic Gelifluvents	
2910	No	3514	typic gelorthents	Typic Gelorthents	
2911	Yes	2684	typic gibbsihumox	Typic Gibbsihumox	
2912	Yes	2689	typic gibbsiorthox	Typic Gibbsiorthox	
2913	No	3025	typic glacistels	Typic Glacistels	
2914	No	30	typic glossaqualfs	Typic Glossaqualfs	
2915	Yes	82	typic glossoboralfs	Typic Glossoboralfs	
2916	No	2934	typic glossocryalfs	Typic Glossocryalfs	
2917	No	113	typic glossudalfs	Typic Glossudalfs	
2918	No	2271	typic gypsiargids	Typic Gypsiargids	

NASIS 7.1.4 Domains

Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
2919	No	2397	typic gypsicryids	Typic Gypsicryids	
2920	Yes	618	typic gypsiorthids	Typic Gypsiorthids	
2921	No	2095	typic gypsitorrerts	Typic Gypsitorrerts	
2922	No	2140	typic gypsiusterts	Typic Gypsiusterts	
2923	No	971	typic halaquepts	Typic Halaquepts	
2924	Yes	3150	typic haplanthrepts	Typic Haplanthrepts	
2925	Yes	2611	typic haplaquands	Typic Haplaquands	
2926	Yes	2622	typic haplaquents	Typic Haplaquents	
2927	Yes	2665	typic haplaquepts	Typic Haplaquepts	
2928	Yes	2694	typic haplaquods	Typic Haplaquods	
2929	Yes	2584	typic haplaquolls	Typic Haplaquolls	
2930	No	1544	typic haplaquox	Typic Haplaquox	
2931	No	511	typic haplargids	Typic Haplargids	
2932	Yes	1269	typic haploborolls	Typic Haploborolls	
2933	No	2331	typic haplocalcids	Typic Haplocalcids	
2934	No	2373	typic haplocambids	Typic Haplocambids	
2935	No	2952	typic haplocryalfs	Typic Haplocryalfs	
2936	No	340	typic haplocryands	Typic Haplocryands	
2937	No	3624	typic haplocryepts	Typic Haplocryepts	
2938	No	2085	typic haplocryerts	Typic Haplocryerts	
2939	No	2404	typic haplocryids	Typic Haplocryids	
2940	No	1793	typic haplocryods	Typic Haplocryods	
2941	No	3369	typic haplocryolls	Typic Haplocryolls	
2942	No	2432	typic haplodurids	Typic Haplodurids	
2943	No	3425	typic haplofibrists	Typic Haplofibrists	
2944	No	3702	typic haplogelepts	Typic Haplogelepts	
2945	No	3578	typic haplogelods	Typic Haplogelods	
2946	No	3559	typic haplogelolls	Typic Haplogelolls	
2947	No	2466	typic haplogypsids	Typic Haplogypsids	
2948	No	3439	typic haplohemists	Typic Haplohemists	
2949	No	1812	typic haplohumods	Typic Haplohumods	
2950	No	1897	typic haplohumults	Typic Haplohumults	
2951	No	1580	typic haploperox	Typic Haploperox	
2952	No	3129	typic haplorthels	Typic Haplorthels	
2953	No	1840	typic haplorthods	Typic Haplorthods	

NASIS 7.1.4 Domains

Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
2954	Yes	3489	typic haplorthox	Typic Haplorthox	
2955	No	2489	typic haplosalids	Typic Haplosalids	
2956	No	3426	typic haplosaprists	Typic Haplosaprists	
2957	No	2981	typic haplotorrands	Typic Haplotorrands	
2958	No	2097	typic haplotorrerts	Typic Haplotorrerts	
2959	No	1617	typic haplotorrox	Typic Haplotorrox	
2960	No	3080	typic haploturbels	Typic Haploturbels	
2961	No	3651	typic haplowassents	Typic Haplowassents	
2962	No	3681	typic haplowassists	Typic Haplowassists	
2963	No	257	typic haploxeralfs	Typic Haploxeralfs	
2964	No	481	typic haploxerands	Typic Haploxerands	
2965	No	3261	typic haploxerepts	Typic Haploxerepts	
2966	No	2185	typic haploxererts	Typic Haploxererts	
2967	No	1491	typic haploxerolls	Typic Haploxerolls	
2968	No	2035	typic haploxerults	Typic Haploxerults	
2969	No	122	typic hapludalfs	Typic Hapludalfs	
2970	No	391	typic hapludands	Typic Hapludands	
2971	No	2115	typic hapluderts	Typic Hapluderts	
2972	No	1337	typic hapludolls	Typic Hapludolls	
2973	No	1651	typic hapludox	Typic Hapludox	
2974	No	1937	typic hapludults	Typic Hapludults	
2975	Yes	1145	typic haplumbrepts	Typic Haplumbrepts	
2976	No	182	typic haplustalfs	Typic Haplustalfs	
2977	No	456	typic haplustands	Typic Haplustands	
2978	No	3215	typic haplustepts	Typic Haplustepts	
2979	No	2149	typic haplusterts	Typic Haplusterts	
2980	No	1397	typic haplustolls	Typic Haplustolls	
2981	No	1716	typic haplustox	Typic Haplustox	
2982	No	2001	typic haplustults	Typic Haplustults	
2983	No	3325	typic haprendolls	Typic Haprendolls	
2984	No	3034	typic hemistels	Typic Hemistels	
2985	No	3084	typic historthels	Typic Historthels	
2986	No	3042	typic histoturbels	Typic Histoturbels	
2987	No	976	typic humaquepts	Typic Humaquepts	
2988	No	3602	typic humicryepts	Typic Humicryepts	

NASIS 7.1.4 Domains

Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
2989	No	2088	typic humicryerts	Typic Humicryerts	
2990	No	1801	typic humicryods	Typic Humicryods	
2991	No	3694	typic humigelepts	Typic Humigelepts	
2992	No	3574	typic humigelods	Typic Humigelods	
2993	Yes	1111	typic humitropepts	Typic Humitropepts	
2994	No	3737	typic humixerepts	Typic Humixerepts	
2995	No	3719	typic humudepts	Typic Humudepts	
2996	No	3726	typic humustepts	Typic Humustepts	
2997	Yes	2649	typic hydrandepts	Typic Hydrandepts	
2998	No	654	typic hydraquents	Typic Hydraquents	
2999	No	348	typic hydrocryands	Typic Hydrocryands	
3000	No	3656	typic hydrowassents	Typic Hydrowassents	
3001	No	412	typic hydrudands	Typic Hydrudands	
3002	No	35	typic kandiaqualfs	Typic Kandiaqualfs	
3003	No	1869	typic kandiaquults	Typic Kandiaquults	
3004	No	1904	typic kandihumults	Typic Kandihumults	
3005	No	1594	typic kandiperox	Typic Kandiperox	
3006	No	145	typic kandiudalfs	Typic Kandiudalfs	
3007	No	1666	typic kandiudox	Typic Kandiudox	
3008	No	1948	typic kandiudults	Typic Kandiudults	
3009	No	197	typic kandiustalfs	Typic Kandiustalfs	
3010	No	1731	typic kandiustox	Typic Kandiustox	
3011	No	2009	typic kandiustults	Typic Kandiustults	
3012	No	1878	typic kanhaplaquults	Typic Kanhaplaquults	
3013	No	1914	typic kanhaplohumults	Typic Kanhaplohumults	
3014	No	156	typic kanhapludalfs	Typic Kanhapludalfs	
3015	No	1967	typic kanhapludults	Typic Kanhapludults	
3016	No	207	typic kanhaplustalfs	Typic Kanhaplustalfs	
3017	No	2020	typic kanhaplustults	Typic Kanhaplustults	
3018	Yes	2546	typic luvifibrists	Typic Luvifibrists	
3019	No	2547	typic luvihemists	Typic Luvihemists	
3020	Yes	830	typic medifibrists	Typic Medifibrists	
3021	Yes	866	typic medifolists	Typic Medifolists	
3022	Yes	885	typic medihemists	Typic Medihemists	
3023	Yes	922	typic medisaprists	Typic Medisaprists	

NASIS 7.1.4 Domains

Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
3024	No	319	typic melanaquands	Typic Melanaquands	
3025	No	353	typic melanocryands	Typic Melanocryands	
3026	No	490	typic melanoxerands	Typic Melanoxerands	
3027	No	420	typic melanudands	Typic Melanudands	
3028	No	3064	typic molliturbels	Typic Molliturbels	
3029	No	3109	typic mollorthels	Typic Mollorthels	
3030	Yes	532	typic nadurargids	Typic Nadurargids	
3031	No	1173	typic natralbolls	Typic Natralbolls	
3032	No	42	typic natraqualfs	Typic Natraqualfs	
3033	No	2078	typic natraquerts	Typic Natraquerts	
3034	No	1212	typic natraquolls	Typic Natraquolls	
3035	No	539	typic natrargids	Typic Natrargids	
3036	Yes	2540	typic natriboralfs	Typic Natriboralfs	
3037	Yes	1291	typic natriborolls	Typic Natriborolls	
3038	No	3328	typic natricryolls	Typic Natricryolls	
3039	No	2441	typic natridurids	Typic Natridurids	
3040	No	2474	typic natrigypsids	Typic Natrigypsids	
3041	No	273	typic natrixeralfs	Typic Natrixeralfs	
3042	No	1520	typic natrixerolls	Typic Natrixerolls	
3043	No	161	typic natrudalfs	Typic Natrudalfs	
3044	No	3392	typic natrudolls	Typic Natrudolls	
3045	No	213	typic natrustalfs	Typic Natrustalfs	
3046	No	1423	typic natrustolls	Typic Natrustolls	
3047	Yes	2594	typic ochraqualfs	Typic Ochraqualfs	
3048	Yes	2728	typic ochraquults	Typic Ochraquults	
3049	No	1884	typic paleaquults	Typic Paleaquults	
3050	No	555	typic paleargids	Typic Paleargids	
3051	Yes	90	typic paleboralfs	Typic Paleboralfs	
3052	Yes	1298	typic paleborolls	Typic Paleborolls	
3053	No	2918	typic palecryalfs	Typic Palecryalfs	
3054	No	3335	typic palecryolls	Typic Palecryolls	
3055	No	1923	typic palehumults	Typic Palehumults	
3056	Yes	622	typic paleorthids	Typic Paleorthids	
3057	No	165	typic paleudalfs	Typic Paleudalfs	
3058	No	1351	typic paleudolls	Typic Paleudolls	

NASIS 7.1.4 Domains

Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
3059	No	1979	typic paleudults	Typic Paleudults	
3060	No	222	typic paleustalfs	Typic Paleustalfs	
3061	No	1430	typic paleustolls	Typic Paleustolls	
3062	No	2582	typic paleustults	Typic Paleustults	
3063	No	276	typic palexeralfs	Typic Palexeralfs	
3064	No	1526	typic palexerolls	Typic Palexerolls	
3065	No	2555	typic palexerults	Typic Palexerults	
3066	Yes	2759	typic pelloxererts	Typic Pelloxererts	
3067	Yes	2747	typic pelluderts	Typic Pelluderts	
3068	Yes	2753	typic pellusterts	Typic Pellusterts	
3069	No	3143	typic petraquepts	Typic Petraquepts	
3070	No	2312	typic petroargids	Typic Petroargids	
3071	No	2342	typic petrocalcids	Typic Petrocalcids	
3072	No	2379	typic petrocambids	Typic Petrocambids	
3073	No	2410	typic petrocryids	Typic Petrocryids	
3074	No	2481	typic petrogypsid	Typic Petrogypsid	
3075	Yes	2651	typic placandepts	Typic Placandepts	
3076	No	325	typic placaquands	Typic Placaquands	
3077	Yes	983	typic placaquepts	Typic Placaquepts	
3078	No	1785	typic placaquods	Typic Placaquods	
3079	No	1808	typic placocryods	Typic Placocryods	
3080	No	1818	typic placohumods	Typic Placohumods	
3081	No	1851	typic placorthods	Typic Placorthods	
3082	No	440	typic placudands	Typic Placudands	
3083	Yes	3149	typic plagganthrepts	Typic Plagganthrepts	
3084	Yes	2549	typic plaggepts	Typic Plaggepts	
3085	No	2539	typic plinthaqualfs	Typic Plinthaqualfs	
3086	Yes	2548	typic plinthaquepts	Typic Plinthaquepts	
3087	No	1549	typic plinthaquox	Typic Plinthaquox	
3088	No	1893	typic plinthaquults	Typic Plinthaquults	
3089	No	2551	typic plinthohumults	Typic Plinthohumults	
3090	No	2545	typic plinthoxeralfs	Typic Plinthoxeralfs	
3091	No	2553	typic plinthudults	Typic Plinthudults	
3092	No	2544	typic plinthustalfs	Typic Plinthustalfs	
3093	No	2554	typic plinthustults	Typic Plinthustults	

NASIS 7.1.4 Domains

Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
3094	No	655	typic psammaquents	Typic Psammaquents	
3095	No	3125	typic psammorthels	Typic Psammorthels	
3096	No	3076	typic psammoturbels	Typic Psammoturbels	
3097	No	3661	typic psammowassents	Typic Psammowassents	
3098	No	769	typic quartzipsamments	Typic Quartzipsamments	
3099	Yes	1313	typic rendolls	Typic Rendolls	
3100	No	290	typic rhodoxeralfs	Typic Rhodoxeralfs	
3101	No	2542	typic rhodudalfs	Typic Rhodudalfs	
3102	No	1998	typic rhodudults	Typic Rhodudults	
3103	No	240	typic rhodustalfs	Typic Rhodustalfs	
3104	No	2032	typic rhodustults	Typic Rhodustults	
3105	No	2079	typic salaquerts	Typic Salaquerts	
3106	No	2412	typic salicryids	Typic Salicryids	
3107	No	2103	typic salitorrerts	Typic Salitorrerts	
3108	Yes	629	typic salorthids	Typic Salorthids	
3109	No	2162	typic salusterts	Typic Salusterts	
3110	No	3038	typic sapristels	Typic Sapristels	
3111	Yes	2704	typic sideraquods	Typic Sideraquods	
3112	Yes	3491	typic sombrihumox	Typic Sombrihumox	
3113	No	2552	typic sombrihumults	Typic Sombrihumults	
3114	No	1607	typic sombriperox	Typic Sombriperox	
3115	Yes	2550	typic sombritropepts	Typic Sombritropepts	
3116	No	1680	typic sombriudox	Typic Sombriudox	
3117	No	1744	typic sombriustox	Typic Sombriustox	
3118	No	842	typic sphagnofibrists	Typic Sphagnofibrists	
3119	No	660	typic sulfaquents	Typic Sulfaquents	
3120	No	987	typic sulfaquepts	Typic Sulfaquepts	
3121	No	3582	typic sulfaquerts	Typic Sulfaquerts	
3122	No	895	typic sulfihemists	Typic Sulfihemists	
3123	No	931	typic sulfisaprists	Typic Sulfisaprists	
3124	No	3667	typic sulfiwassents	Typic Sulfiwassents	
3125	No	3684	typic sulfiwassists	Typic Sulfiwassists	
3126	Yes	1053	typic sulfochrepts	Typic Sulfochrepts	
3127	No	897	typic sulfohemists	Typic Sulfohemists	
3128	No	933	typic sulfosaprists	Typic Sulfosaprists	

NASIS 7.1.4 Domains

Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
3129	No	3262	typic sulfudepts	Typic Sulfudepts	
3130	Yes	2741	typic torrerts	Typic Torrerts	
3131	No	673	typic torrifluvents	Typic Torrifluvents	
3132	No	3131	typic torrifolists	Typic Torrifolists	
3133	No	716	typic torriorthents	Typic Torriorthents	
3134	No	782	typic torripsamments	Typic Torripsamments	
3135	Yes	3488	typic torrox	Typic Torrox	
3136	Yes	2762	typic tropaqualfs	Typic Tropaqualfs	
3137	Yes	2625	typic tropaquents	Typic Tropaquents	
3138	Yes	990	typic tropaquepts	Typic Tropaquepts	
3139	Yes	852	typic tropofibrists	Typic Tropofibrists	
3140	Yes	685	typic tropofluvents	Typic Tropofluvents	
3141	Yes	868	typic tropofolists	Typic Tropofolists	
3142	Yes	898	typic tropohemists	Typic Tropohemists	
3143	Yes	2718	typic tropohumods	Typic Tropohumods	
3144	Yes	2735	typic tropohumults	Typic Tropohumults	
3145	Yes	788	typic tropopsamments	Typic Tropopsamments	
3146	Yes	731	typic troporthents	Typic Troporthents	
3147	Yes	934	typic troposaprists	Typic Troposaprists	
3148	Yes	2603	typic tropudalfs	Typic Tropudalfs	
3149	Yes	2771	typic tropudults	Typic Tropudults	
3150	No	686	typic udifluvents	Typic Udifluvents	
3151	No	3135	typic udifolists	Typic Udifolists	
3152	No	792	typic udipsamments	Typic Udipsamments	
3153	No	468	typic udivitrands	Typic Udivitrands	
3154	No	735	typic udorthents	Typic Udorthents	
3155	Yes	48	typic umbraqualfs	Typic Umbraqualfs	
3156	No	1895	typic umbraquults	Typic Umbraquults	
3157	No	3072	typic umbriturbels	Typic Umbriturbels	
3158	No	3117	typic umbrorthels	Typic Umbrorthels	
3159	No	693	typic ustifluvents	Typic Ustifluvents	
3160	No	3133	typic ustifolists	Typic Ustifolists	
3161	No	799	typic ustipsamments	Typic Ustipsamments	
3162	No	475	typic ustivitrands	Typic Ustivitrands	
3163	Yes	1054	typic ustochrepts	Typic Ustochrepts	

NASIS 7.1.4 Domains

Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
3164	No	742	typic ustorthents	Typic Ustorthents	
3165	Yes	1124	typic ustropepts	Typic Ustropepts	
3166	No	2788	typic vermaqualfs	Typic Vermaqualfs	
3167	No	2845	typic vermaquepts	Typic Vermaquepts	
3168	Yes	1307	typic vermiborolls	Typic Vermiborolls	
3169	No	1357	typic vermudolls	Typic Vermudolls	
3170	No	1442	typic vermustolls	Typic Vermustolls	
3171	Yes	2652	typic vitrandepts	Typic Vitrandepts	
3172	No	331	typic vitraquands	Typic Vitraquands	
3173	No	357	typic vitricryands	Typic Vitricryands	
3174	No	3504	typic vitrigelands	Typic Vitrigelands	
3175	No	365	typic vitritorrands	Typic Vitritorrands	
3176	No	492	typic vitrixerands	Typic Vitrixerands	
3177	Yes	1072	typic xerochrepts	Typic Xerochrepts	
3178	No	700	typic xerofluvents	Typic Xerofluvents	
3179	No	804	typic xeropsamments	Typic Xeropsamments	
3180	No	752	typic xerorthents	Typic Xerorthents	
3181	Yes	1158	typic xerumbrepts	Typic Xerumbrepts	
3182	Yes	2247	udalfic	Udalfic	
3183	Yes	2765	udalfic arents	Udalfic Arents	
3184	Yes	3492	udalphic argiustolls	Udalphic Argiustolls	
3185	No	2019	udandic kandiustults	Udandic Kandiustults	
3186	No	2031	udandic kanhaplustults	Udandic Kanhaplustults	
3187	Yes	2901	udarents	Udarents	
3188	Yes	2899	udertic argiborolls	Udertic Argiborolls	
3189	No	1373	udertic argiustolls	Udertic Argiustolls	
3190	No	1389	udertic calciustolls	Udertic Calciustolls	
3191	Yes	1288	udertic haploborolls	Udertic Haploborolls	
3192	No	194	udertic haplustalfs	Udertic Haplustalfs	
3193	No	3195	udertic haplustepts	Udertic Haplustepts	
3194	No	1419	udertic haplustolls	Udertic Haplustolls	
3195	Yes	2868	udertic natriborolls	Udertic Natriborolls	
3196	No	237	udertic paleustalfs	Udertic Paleustalfs	
3197	No	1440	udertic paleustolls	Udertic Paleustolls	
3198	Yes	1069	udertic ustochrepts	Udertic Ustochrepts	

NASIS 7.1.4 Domains

Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
3199	Yes	1231	udic argiborolls	Udic Argiborolls	
3200	No	1372	udic argiustolls	Udic Argiustolls	
3201	Yes	1241	udic calciborolls	Udic Calciborolls	
3202	No	3183	udic calciustepts	Udic Calciustepts	
3203	No	2131	udic calciusterts	Udic Calciusterts	
3204	No	1388	udic calciustolls	Udic Calciustolls	
3205	Yes	2751	udic chromusterts	Udic Chromusterts	
3206	No	2184	udic durixererts	Udic Durixererts	
3207	No	2139	udic dystrusterts	Udic Dystrusterts	
3208	Yes	2647	udic eutrandepts	Udic Eutrandepts	
3209	No	2148	udic gypsiusterts	Udic Gypsiusterts	
3210	Yes	1286	udic haploborolls	Udic Haploborolls	
3211	No	2194	udic haploxererts	Udic Haploxererts	
3212	No	193	udic haplustalfs	Udic Haplustalfs	
3213	No	3214	udic haplustepts	Udic Haplustepts	
3214	No	2161	udic haplusterts	Udic Haplusterts	
3215	No	1417	udic haplustolls	Udic Haplustolls	
3216	No	206	udic kandiustalfs	Udic Kandiustalfs	
3217	No	2018	udic kandiustults	Udic Kandiustults	
3218	No	212	udic kanhaplustalfs	Udic Kanhaplustalfs	
3219	No	2030	udic kanhaplustults	Udic Kanhaplustults	
3220	Yes	1296	udic natriborolls	Udic Natriborolls	
3221	No	236	udic paleustalfs	Udic Paleustalfs	
3222	No	1439	udic paleustolls	Udic Paleustolls	
3223	Yes	2754	udic pellusterts	Udic Pellusterts	
3224	No	243	udic rhodustalfs	Udic Rhodustalfs	
3225	No	698	udic ustifluvents	Udic Ustifluvents	
3226	Yes	1067	udic ustochrepts	Udic Ustochrepts	
3227	No	749	udic ustorthents	Udic Ustorthents	
3228	Yes	1312	udic vermiborolls	Udic Vermiborolls	
3229	No	3206	udifluventic haplustepts	Udifluventic Haplustepts	
3230	Yes	1068	udifluventic ustochrepts	Udifluventic Ustochrepts	
3231	No	8	udollic albaqualfs	Udollic Albaqualfs	
3232	No	2507	udollic endoaqualfs	Udollic Endoaqualfs	
3233	No	2511	udollic epiaqualfs	Udollic Epiaqualfs	

NASIS 7.1.4 Domains

Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
3234	Yes	2583	udollic ochraqualfs	Udollic Ochraqualfs	
3235	Yes	2752	udorthentic chromusterts	Udorthentic Chromusterts	
3236	Yes	1287	udorthentic haploborolls	Udorthentic Haploborolls	
3237	No	1418	udorthentic haplustolls	Udorthentic Haplustolls	
3238	Yes	2755	udorthentic pellusterts	Udorthentic Pellusterts	
3239	No	778	udoxic quartzipsamments	Udoxic Quartzipsamments	
3240	No	1758	ultic alaquods	Ultic Alaquods	
3241	No	1830	ultic alorthods	Ultic Alorthods	
3242	No	1466	ultic argixerolls	Ultic Argixerolls	
3243	No	1779	ultic epiaquods	Ultic Epiaquods	
3244	No	1839	ultic fragiorthods	Ultic Fragiorthods	
3245	No	3471	ultic fulvudands	Ultic Fulvudands	
3246	Yes	2703	ultic haplaquods	Ultic Haplaquods	
3247	Yes	2717	ultic haplohumods	Ultic Haplohumods	
3248	No	1850	ultic haplorthods	Ultic Haplorthods	
3249	No	270	ultic haploxeralfs	Ultic Haploxeralfs	
3250	No	489	ultic haploxerands	Ultic Haploxerands	
3251	No	1515	ultic haploxerolls	Ultic Haploxerolls	
3252	No	142	ultic hapludalfs	Ultic Hapludalfs	
3253	No	410	ultic hapludands	Ultic Hapludands	
3254	No	195	ultic haplustalfs	Ultic Haplustalfs	
3255	No	2529	ultic haplustands	Ultic Haplustands	
3256	Yes	3493	ultic haplustox	Ultic Haplustox	
3257	No	419	ultic hydrudands	Ultic Hydrudands	
3258	No	438	ultic melanudands	Ultic Melanudands	
3259	No	238	ultic paleustalfs	Ultic Paleustalfs	
3260	No	287	ultic palexeralfs	Ultic Palexeralfs	
3261	No	1534	ultic palexerolls	Ultic Palexerolls	
3262	Yes	2606	ultic tropudalfs	Ultic Tropudalfs	
3263	Yes	665	ultic udarents	Ultic Udarents	
3264	No	474	ultic udivitrands	Ultic Udivitrands	
3265	Yes	2248	ultic vitric	Ultic Vitric	
3266	Yes	2614	ultic vitric haploxerands	Ultic Vitric Haploxerands	
3267	No	2528	ultic vitricryands	Ultic Vitricryands	
3268	No	2530	ultic vitrixerands	Ultic Vitrixerands	

NASIS 7.1.4 Domains

Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
3269	Yes	1578	umbreptic eutroperox	Umbreptic Eutroperox	
3270	Yes	1649	umbreptic eutrudox	Umbreptic Eutrudox	
3271	Yes	1713	umbreptic eustrtox	Umbreptic Eustrtox	
3272	Yes	109	umbreptic fragiudalfs	Umbreptic Fragiudalfs	
3273	No	2905	umbric albaqualfs	Umbric Albaqualfs	
3274	Yes	1029	umbric dystrochrepts	Umbric Dystrochrepts	
3275	Yes	3456	umbric dystropepts	Umbric Dystropepts	
3276	No	16	umbric endoaqualfs	Umbric Endoaqualfs	
3277	No	1773	umbric endoaquods	Umbric Endoaquods	
3278	No	24	umbric epiaqualfs	Umbric Epiaqualfs	
3279	No	1780	umbric epiaquods	Umbric Epiaquods	
3280	Yes	29	umbric fragiaqualfs	Umbric Fragiaqualfs	
3281	No	1868	umbric fragiaquults	Umbric Fragiaquults	
3282	Yes	1051	umbric fragiochrepts	Umbric Fragiochrepts	
3283	No	2932	umbric glossocryalfs	Umbric Glossocryalfs	
3284	No	2950	umbric haplocryalfs	Umbric Haplocryalfs	
3285	Yes	2615	umbric haploxerands	Umbric Haploxerands	
3286	Yes	466	umbric haplustands	Umbric Haplustands	
3287	No	41	umbric kandiaqualfs	Umbric Kandiaqualfs	
3288	No	1877	umbric kandiaquults	Umbric Kandiaquults	
3289	No	1883	umbric kanhaplaquults	Umbric Kanhaplaquults	
3290	Yes	2600	umbric ochraqualfs	Umbric Ochraqualfs	
3291	No	1891	umbric paleaquults	Umbric Paleaquults	
3292	No	2917	umbric palecryalfs	Umbric Palecryalfs	
3293	Yes	2658	umbric vitrandepts	Umbric Vitrandepts	
3294	Yes	499	umbric vitrikerands	Umbric Vitrikerands	
3295	No	2927	umbric xeric glossocryalfs	Umbric Xeric Glossocryalfs	
3296	No	2945	umbric xeric haplocryalfs	Umbric Xeric Haplocryalfs	
3297	Yes	1374	ustalfic argiustolls	Ustalfic Argiustolls	
3298	Yes	507	ustalfic durargids	Ustalfic Durargids	
3299	Yes	527	ustalfic haplargids	Ustalfic Haplargids	
3300	Yes	564	ustalfic paleargids	Ustalfic Paleargids	
3301	No	2335	ustalfic petrocalcids	Ustalfic Petrocalcids	
3302	Yes	1119	ustandic humitropepts	Ustandic Humitropepts	
3303	No	1911	ustandic kandihumults	Ustandic Kandihumults	

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Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
3304	No	1920	ustandic kanhaplohumults	Ustandic Kanhaplohumults	
3305	Yes	1232	ustertic argiborolls	Ustertic Argiborolls	
3306	No	2252	ustertic calciargids	Ustertic Calciargids	
3307	Yes	597	ustertic camborthids	Ustertic Camborthids	
3308	No	525	ustertic haplargids	Ustertic Haplargids	
3309	No	2358	ustertic haplocambids	Ustertic Haplocambids	
3310	No	3522	ustertic natrargids	Ustertic Natrargids	
3311	No	679	ustertic torrifluvents	Ustertic Torrifluvents	
3312	No	725	ustertic torriorthents	Ustertic Torriorthents	
3313	No	2352	ustic aquicambids	Ustic Aquicambids	
3314	No	2386	ustic argicryids	Ustic Argicryids	
3315	No	3345	ustic argicryolls	Ustic Argicryolls	
3316	No	2422	ustic argidurids	Ustic Argidurids	
3317	No	2449	ustic argigypsids	Ustic Argigypsids	
3318	No	2263	ustic calciargids	Ustic Calciargids	
3319	No	3606	ustic calcicryepts	Ustic Calcicryepts	
3320	No	2392	ustic calcicryids	Ustic Calcicryids	
3321	No	3351	ustic calcicryolls	Ustic Calcicryolls	
3322	No	2456	ustic calcigypsids	Ustic Calcigypsids	
3323	Yes	3449	ustic calciorthids	Ustic Calciorthids	
3324	No	2049	ustic duraquerts	Ustic Duraquerts	
3325	Yes	1014	ustic durochrepts	Ustic Durochrepts	
3326	No	2058	ustic dystraquerts	Ustic Dystraquerts	
3327	No	3171	ustic dystrocryepts	Ustic Dystrocryepts	
3328	Yes	1097	ustic dystropepts	Ustic Dystropepts	
3329	No	2067	ustic endoaquerts	Ustic Endoaquerts	
3330	No	2076	ustic epiaquerts	Ustic Epiaquerts	
3331	Yes	3159	ustic eutrocryepts	Ustic Eutrocryepts	
3332	No	2930	ustic glossocryalfs	Ustic Glossocryalfs	
3333	No	2270	ustic gypsiargids	Ustic Gypsiargids	
3334	No	2282	ustic haplargids	Ustic Haplargids	
3335	No	2330	ustic haplocalcids	Ustic Haplocalcids	
3336	No	2372	ustic haplocambids	Ustic Haplocambids	
3337	No	2948	ustic haplocryalfs	Ustic Haplocryalfs	
3338	No	3623	ustic haplocryepts	Ustic Haplocryepts	

NASIS 7.1.4 Domains

Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
3339	No	2403	ustic haplocryids	Ustic Haplocryids	
3340	No	3367	ustic haplocryolls	Ustic Haplocryolls	
3341	No	2431	ustic haplodurids	Ustic Haplodurids	
3342	No	2465	ustic haplogypsids	Ustic Haplogypsids	
3343	No	1902	ustic haplohumults	Ustic Haplohumults	
3344	Yes	1120	ustic humitropepts	Ustic Humitropepts	
3345	No	1912	ustic kandihumults	Ustic Kandihumults	
3346	No	1921	ustic kanhaplohumults	Ustic Kanhaplohumults	
3347	No	2294	ustic natrargids	Ustic Natrargids	
3348	No	2473	ustic natrigypsids	Ustic Natrigypsids	
3349	No	2305	ustic paleargids	Ustic Paleargids	
3350	No	2915	ustic palecryalfs	Ustic Palecryalfs	
3351	No	3333	ustic palecryolls	Ustic Palecryolls	
3352	No	1927	ustic palehumults	Ustic Palehumults	
3353	No	2311	ustic petroargids	Ustic Petroargids	
3354	No	2341	ustic petrocalcids	Ustic Petrocalcids	
3355	No	2378	ustic petrocambids	Ustic Petrocambids	
3356	No	2409	ustic petrocryids	Ustic Petrocryids	
3357	No	2480	ustic petrogypsids	Ustic Petrogypsids	
3358	No	779	ustic quartzipsamments	Ustic Quartzipsamments	
3359	No	2084	ustic salaquerts	Ustic Salaquerts	
3360	No	680	ustic torrifluvents	Ustic Torrifluvents	
3361	No	726	ustic torriorthents	Ustic Torriorthents	
3362	No	786	ustic torripsamments	Ustic Torripsamments	
3363	Yes	2738	ustic tropohumults	Ustic Tropohumults	
3364	No	2369	ustifluventic haplocambids	Ustifluventic Haplocambids	
3365	Yes	598	ustivitrantic camborthids	Ustivitrantic Camborthids	
3366	Yes	506	ustivitrantic durargids	Ustivitrantic Durargids	
3367	Yes	612	ustivitrantic durorthids	Ustivitrantic Durorthids	
3368	No	3613	ustivitrantic haplocryepts	Ustivitrantic Haplocryepts	
3369	Yes	579	ustochreptic calciorthids	Ustochreptic Calciorthids	
3370	Yes	599	ustochreptic camborthids	Ustochreptic Camborthids	
3371	Yes	613	ustochreptic durorthids	Ustochreptic Durorthids	
3372	Yes	625	ustochreptic paleorthids	Ustochreptic Paleorthids	
3373	Yes	580	ustollic calciorthids	Ustollic Calciorthids	

NASIS 7.1.4 Domains

Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
3374	Yes	600	ustollic camborthids	Ustollic Camborthids	
3375	Yes	614	ustollic durorthids	Ustollic Durorthids	
3376	Yes	2648	ustollic eutrandepts	Ustollic Eutrandepts	
3377	No	2928	ustollic glossocryalfs	Ustollic Glossocryalfs	
3378	Yes	526	ustollic haplargids	Ustollic Haplargids	
3379	No	2946	ustollic haplocryalfs	Ustollic Haplocryalfs	
3380	Yes	552	ustollic natrargids	Ustollic Natrargids	
3381	Yes	563	ustollic paleargids	Ustollic Paleargids	
3382	Yes	626	ustollic paleorthids	Ustollic Paleorthids	
3383	Yes	1098	ustoxic dystropepts	Ustoxic Dystropepts	
3384	Yes	1121	ustoxic humitropepts	Ustoxic Humitropepts	
3385	No	780	ustoxic quartzipsamments	Ustoxic Quartzipsamments	
3386	Yes	2739	ustoxic tropohumults	Ustoxic Tropohumults	
3387	No	1477	vermic calcixerolls	Vermic Calcixerolls	
3388	No	2783	vermic fragiaqualfs	Vermic Fragiaqualfs	
3389	No	1517	vermic haploxerolls	Vermic Haploxerolls	
3390	No	1349	vermic hapludolls	Vermic Hapludolls	
3391	No	2786	vermic natraqualfs	Vermic Natraqualfs	
3392	No	740	vermic udorthents	Vermic Udorthents	
3393	No	751	vermic ustorthents	Vermic Ustorthents	
3394	No	9	vertic albaqualfs	Vertic Albaqualfs	
3395	No	1854	vertic albaquults	Vertic Albaquults	
3396	No	1170	vertic argialbolls	Vertic Argialbolls	
3397	No	1178	vertic argiaquolls	Vertic Argiaquolls	
3398	Yes	1233	vertic argiborolls	Vertic Argiborolls	
3399	No	2381	vertic argicryids	Vertic Argicryids	
3400	No	3337	vertic argicryolls	Vertic Argicryolls	
3401	No	2413	vertic argidurids	Vertic Argidurids	
3402	No	2443	vertic argigypsids	Vertic Argigypsids	
3403	No	1331	vertic argiudolls	Vertic Argiudolls	
3404	No	1375	vertic argiustolls	Vertic Argiustolls	
3405	No	1467	vertic argixerolls	Vertic Argixerolls	
3406	No	2253	vertic calciargids	Vertic Calciargids	
3407	No	1336	vertic calciudolls	Vertic Calciudolls	
3408	No	3178	vertic calciustepts	Vertic Calciustepts	

NASIS 7.1.4 Domains

Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
3409	No	1390	vertic calciustolls	Vertic Calciustolls	
3410	No	3223	vertic calcixerepts	Vertic Calcixerepts	
3411	No	1476	vertic calcixerolls	Vertic Calcixerolls	
3412	Yes	601	vertic camborthids	Vertic Camborthids	
3413	No	956	vertic cryaquepts	Vertic Cryaquepts	
3414	No	1190	vertic cryaquolls	Vertic Cryaquolls	
3415	Yes	62	vertic cryoboralfs	Vertic Cryoboralfs	
3416	Yes	1267	vertic cryoborolls	Vertic Cryoborolls	
3417	No	1194	vertic duraquolls	Vertic Duraquolls	
3418	Yes	508	vertic durargids	Vertic Durargids	
3419	No	250	vertic durixeralfs	Vertic Durixeralfs	
3420	No	1487	vertic durixerolls	Vertic Durixerolls	
3421	Yes	1099	vertic dystropepts	Vertic Dystropepts	
3422	No	3297	vertic dystrudepts	Vertic Dystrudepts	
3423	No	3545	vertic dystrustepts	Vertic Dystrustepts	
3424	No	2908	vertic endoaqualfs	Vertic Endoaqualfs	
3425	No	964	vertic endoaquepts	Vertic Endoaquepts	
3426	No	1203	vertic endoaquolls	Vertic Endoaquolls	
3427	No	25	vertic epiaqualfs	Vertic Epiaqualfs	
3428	No	967	vertic epiaquepts	Vertic Epiaquepts	
3429	No	1211	vertic epiaquolls	Vertic Epiaquolls	
3430	No	1863	vertic epiaquults	Vertic Epiaquults	
3431	Yes	75	vertic eutroboralfs	Vertic Eutroboralfs	
3432	Yes	1046	vertic eutrochrepts	Vertic Eutrochrepts	
3433	Yes	1109	vertic eutropepts	Vertic Eutropepts	
3434	No	3276	vertic eutrudepts	Vertic Eutrudepts	
3435	No	653	vertic fluvaquents	Vertic Fluvaquents	
3436	No	2920	vertic glossocryalfs	Vertic Glossocryalfs	
3437	No	2970	vertic glossudalfs	Vertic Glossudalfs	
3438	No	975	vertic halaquepts	Vertic Halaquepts	
3439	Yes	2671	vertic haplaquepts	Vertic Haplaquepts	
3440	Yes	2680	vertic haplaquolls	Vertic Haplaquolls	
3441	No	528	vertic haplargids	Vertic Haplargids	
3442	Yes	1289	vertic haploborolls	Vertic Haploborolls	
3443	No	2316	vertic haplocalcids	Vertic Haplocalcids	

NASIS 7.1.4 Domains

Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
3444	No	2359	vertic haplocambids	Vertic Haplocambids	
3445	No	2936	vertic haplocryalfs	Vertic Haplocryalfs	
3446	No	2399	vertic haplocryids	Vertic Haplocryids	
3447	No	3355	vertic haplocryolls	Vertic Haplocryolls	
3448	No	271	vertic haploxeralfs	Vertic Haploxeralfs	
3449	No	3250	vertic haploxerepts	Vertic Haploxerepts	
3450	No	1516	vertic haploxerolls	Vertic Haploxerolls	
3451	No	143	vertic hapludalfs	Vertic Hapludalfs	
3452	No	1348	vertic hapludolls	Vertic Hapludolls	
3453	No	1947	vertic hapludults	Vertic Hapludults	
3454	No	196	vertic haplustalfs	Vertic Haplustalfs	
3455	No	3197	vertic haplustepts	Vertic Haplustepts	
3456	No	1420	vertic haplustolls	Vertic Haplustolls	
3457	No	3322	vertic haprendolls	Vertic Haprendolls	
3458	Yes	1122	vertic humitropepts	Vertic Humitropepts	
3459	No	3704	vertic humudepts	Vertic Humudepts	
3460	No	3059	vertic molliturbels	Vertic Molliturbels	
3461	No	3104	vertic mollorthels	Vertic Mollorthels	
3462	Yes	537	vertic nadurargids	Vertic Nadurargids	
3463	No	47	vertic natraqualfs	Vertic Natraqualfs	
3464	No	1213	vertic natraquolls	Vertic Natraquolls	
3465	No	553	vertic natrargids	Vertic Natrargids	
3466	Yes	1297	vertic natriborolls	Vertic Natriborolls	
3467	No	2433	vertic natridurids	Vertic Natridurids	
3468	No	2468	vertic natrigypsids	Vertic Natrigypsids	
3469	No	275	vertic natrixeralfs	Vertic Natrixeralfs	
3470	No	1525	vertic natrixerolls	Vertic Natrixerolls	
3471	No	164	vertic natrudalfs	Vertic Natrudalfs	
3472	No	3389	vertic natrudolls	Vertic Natrudolls	
3473	No	221	vertic natrustalfs	Vertic Natrustalfs	
3474	No	1429	vertic natrustolls	Vertic Natrustolls	
3475	Yes	2601	vertic ochraqualfs	Vertic Ochraqualfs	
3476	No	1892	vertic paleaquults	Vertic Paleaquults	
3477	No	565	vertic paleargids	Vertic Paleargids	
3478	Yes	1306	vertic paleborolls	Vertic Paleborolls	

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Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
3479	No	181	vertic paleudalfs	Vertic Paleudalfs	
3480	No	1356	vertic paleudolls	Vertic Paleudolls	
3481	No	1997	vertic paleudults	Vertic Paleudults	
3482	No	239	vertic paleustalfs	Vertic Paleustalfs	
3483	No	1441	vertic paleustolls	Vertic Paleustolls	
3484	No	288	vertic pallexeralfs	Vertic Pallexeralfs	
3485	No	1535	vertic palxerolls	Vertic Palxerolls	
3486	Yes	1320	vertic rendolls	Vertic Rendolls	
3487	No	2956	vertic rhodoxeralfs	Vertic Rhodoxeralfs	
3488	No	681	vertic torrifluvents	Vertic Torrifluvents	
3489	No	727	vertic torriorthents	Vertic Torriorthents	
3490	Yes	997	vertic tropaquepts	Vertic Tropaquepts	
3491	Yes	3494	vertic tropudalfs	Vertic Tropudalfs	
3492	No	2837	vertic udifluvents	Vertic Udifluvents	
3493	No	3067	vertic umbriturbels	Vertic Umbriturbels	
3494	No	3112	vertic umbrothels	Vertic Umbrothels	
3495	No	699	vertic ustifluvents	Vertic Ustifluvents	
3496	Yes	1070	vertic ustochrepts	Vertic Ustochrepts	
3497	No	750	vertic ustorthents	Vertic Ustorthents	
3498	Yes	1130	vertic ustropepts	Vertic Ustropepts	
3499	Yes	1087	vertic xerochrepts	Vertic Xerochrepts	
3500	No	707	vertic xerofluvents	Vertic Xerofluvents	
3501	No	2349	vitrandic aquicambids	Vitrandic Aquicambids	
3502	No	3090	vitrandic aquorthels	Vitrandic Aquorthels	
3503	Yes	1234	vitrandic argiborolls	Vitrandic Argiborolls	
3504	No	2384	vitrandic argicryids	Vitrandic Argicryids	
3505	No	3339	vitrandic argicryolls	Vitrandic Argicryolls	
3506	No	2420	vitrandic argidurids	Vitrandic Argidurids	
3507	No	2447	vitrandic argigypsids	Vitrandic Argigypsids	
3508	No	1332	vitrandic argiudolls	Vitrandic Argiudolls	
3509	No	1376	vitrandic argiustolls	Vitrandic Argiustolls	
3510	No	1468	vitrandic argixerolls	Vitrandic Argixerolls	
3511	No	2261	vitrandic calciargids	Vitrandic Calciargids	
3512	No	2390	vitrandic calcicryids	Vitrandic Calcicryids	
3513	No	3553	vitrandic calcicryolls	Vitrandic Calcicryolls	

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Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
3514	No	2454	vitrandic calcigypsids	Vitrandic Calcigypsids	
3515	No	3226	vitrandic calcixerepts	Vitrandic Calcixerepts	
3516	No	2503	vitrandic calcixerolls	Vitrandic Calcixerolls	
3517	Yes	63	vitrandic cryoboralfs	Vitrandic Cryoboralfs	
3518	Yes	1268	vitrandic cryoborolls	Vitrandic Cryoborolls	
3519	Yes	1006	vitrandic cryochrepts	Vitrandic Cryochrepts	
3520	No	672	vitrandic cryofluvents	Vitrandic Cryofluvents	
3521	No	2500	vitrandic cryopsamments	Vitrandic Cryopsamments	
3522	No	715	vitrandic cryorthents	Vitrandic Cryorthents	
3523	Yes	1140	vitrandic cryumbrepts	Vitrandic Cryumbrepts	
3524	No	3218	vitrandic durixerepts	Vitrandic Durixerepts	
3525	No	1488	vitrandic durixerolls	Vitrandic Durixerolls	
3526	Yes	1015	vitrandic durochrepts	Vitrandic Durochrepts	
3527	No	3265	vitrandic durudepts	Vitrandic Durudepts	
3528	Yes	1030	vitrandic dystrochrepts	Vitrandic Dystrochrepts	
3529	No	3165	vitrandic dystrocryepts	Vitrandic Dystrocryepts	
3530	Yes	1100	vitrandic dystropepts	Vitrandic Dystropepts	
3531	No	3238	vitrandic dystroxerepts	Vitrandic Dystroxerepts	
3532	No	3300	vitrandic dystrudepts	Vitrandic Dystrudepts	
3533	No	3187	vitrandic dystrustepts	Vitrandic Dystrustepts	
3534	Yes	76	vitrandic eutroboralfs	Vitrandic Eutroboralfs	
3535	Yes	1047	vitrandic eutrochrepts	Vitrandic Eutrochrepts	
3536	Yes	3154	vitrandic eutrocryepts	Vitrandic Eutrocryepts	
3537	Yes	1110	vitrandic eutropepts	Vitrandic Eutropepts	
3538	No	3278	vitrandic eutrudepts	Vitrandic Eutrudepts	
3539	Yes	81	vitrandic fragiboralfs	Vitrandic Fragiboralfs	
3540	Yes	1052	vitrandic fragiochrepts	Vitrandic Fragiocchrepts	
3541	No	2965	vitrandic fragiudalfs	Vitrandic Fragiudalfs	
3542	No	3269	vitrandic fragiudepts	Vitrandic Fragiudepts	
3543	Yes	1144	vitrandic fragiumbrepts	Vitrandic Fragiumbrepts	
3544	No	256	vitrandic fragixeralfs	Vitrandic Fragixeralfs	
3545	No	3230	vitrandic fragixerepts	Vitrandic Fragixerepts	
3546	No	2963	vitrandic fraglossudalfs	Vitrandic Fraglossudalfs	
3547	Yes	89	vitrandic glossoboralfs	Vitrandic Glossoboralfs	
3548	No	2922	vitrandic glossocryalfs	Vitrandic Glossocryalfs	

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Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
3549	No	121	vitrandic glossudalFs	Vitrandic GlossudalFs	
3550	No	2268	vitrandic gypsiargids	Vitrandic Gypsiargids	
3551	No	2396	vitrandic gypsicryids	Vitrandic Gypsicryids	
3552	No	2280	vitrandic haplargids	Vitrandic Haplargids	
3553	Yes	1290	vitrandic haploborolls	Vitrandic Haploborolls	
3554	No	2328	vitrandic haplocalcids	Vitrandic Haplocalcids	
3555	No	2367	vitrandic haplocambids	Vitrandic Haplocambids	
3556	No	2938	vitrandic haplocryalFs	Vitrandic HaplocryalFs	
3557	No	3615	vitrandic haplocryepts	Vitrandic Haplocryepts	
3558	No	2401	vitrandic haplocryids	Vitrandic Haplocryids	
3559	No	3357	vitrandic haplocryolls	Vitrandic Haplocryolls	
3560	No	2429	vitrandic haplodurids	Vitrandic Haplodurids	
3561	No	2463	vitrandic haplogypsids	Vitrandic Haplogypsids	
3562	No	272	vitrandic haploxeralFs	Vitrandic HaploxeralFs	
3563	No	3253	vitrandic haploxerepts	Vitrandic Haploxerepts	
3564	No	1518	vitrandic haploxerolls	Vitrandic Haploxerolls	
3565	No	144	vitrandic hapludalFs	Vitrandic HapludalFs	
3566	No	1350	vitrandic hapludolls	Vitrandic Hapludolls	
3567	Yes	1157	vitrandic haplumbrepts	Vitrandic Haplumbrepts	
3568	No	2953	vitrandic haplustalFs	Vitrandic HaplustalFs	
3569	No	3199	vitrandic haplustepts	Vitrandic Haplustepts	
3570	No	1421	vitrandic haplustolls	Vitrandic Haplustolls	
3571	No	3589	vitrandic humicryepts	Vitrandic Humicryepts	
3572	Yes	1123	vitrandic humitropepts	Vitrandic Humitropepts	
3573	No	3730	vitrandic humixerepts	Vitrandic Humixerepts	
3574	No	3708	vitrandic humudepts	Vitrandic Humudepts	
3575	No	3722	vitrandic humustepts	Vitrandic Humustepts	
3576	No	3061	vitrandic molliturbels	Vitrandic Molliturbels	
3577	No	3106	vitrandic mollorthels	Vitrandic Mollorthels	
3578	No	2292	vitrandic natrargids	Vitrandic Natrargids	
3579	No	2439	vitrandic natridurids	Vitrandic Natridurids	
3580	No	2471	vitrandic natrigypsids	Vitrandic Natrigypsids	
3581	No	2303	vitrandic paleargids	Vitrandic Paleargids	
3582	Yes	96	vitrandic paleboralFs	Vitrandic PaleboralFs	
3583	No	2911	vitrandic palecryalFs	Vitrandic PalecryalFs	

NASIS 7.1.4 Domains

Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
3584	No	2967	vitrandic paleudalfs	Vitrandic Paleudalfs	
3585	No	289	vitrandic palexeralfs	Vitrandic Palexeralfs	
3586	No	3370	vitrandic palexerolls	Vitrandic Palexerolls	
3587	Yes	2339	vitrandic petrocalcids	Vitrandic Petrocalcids	
3588	No	2376	vitrandic petrocambids	Vitrandic Petrocambids	
3589	No	2478	vitrandic petrogypsids	Vitrandic Petrogypsids	
3590	No	682	vitrandic torrifluvents	Vitrandic Torrifluvents	
3591	No	728	vitrandic torriorthents	Vitrandic Torriorthents	
3592	No	2501	vitrandic torripsamments	Vitrandic Torripsamments	
3593	Yes	734	vitrandic troportents	Vitrandic Troportents	
3594	No	691	vitrandic udifluvents	Vitrandic Udifluvents	
3595	No	741	vitrandic udorthents	Vitrandic Udorthents	
3596	No	3069	vitrandic umbriturbels	Vitrandic Umbriturbels	
3597	No	3114	vitrandic umbrorthels	Vitrandic Umbrorthels	
3598	Yes	1071	vitrandic ustochrepts	Vitrandic Ustochrepts	
3599	No	2840	vitrandic ustorthents	Vitrandic Ustorthents	
3600	Yes	1088	vitrandic xerochrepts	Vitrandic Xerochrepts	
3601	No	708	vitrandic xerofluvents	Vitrandic Xerofluvents	
3602	No	2502	vitrandic xeropsamments	Vitrandic Xeropsamments	
3603	No	761	vitrandic xerorthents	Vitrandic Xerorthents	
3604	Yes	1165	vitrandic xerumbrepts	Vitrandic Xerumbrepts	
3605	No	2976	vitric duritorrands	Vitric Duritorrands	
3606	No	338	vitric fulvicryands	Vitric Fulvicryands	
3607	No	346	vitric haplocryands	Vitric Haplocryands	
3608	Yes	2616	vitric haploxerands	Vitric Haploxerands	
3609	No	411	vitric hapludands	Vitric Hapludands	
3610	No	467	vitric haplustands	Vitric Haplustands	
3611	No	356	vitric melanocryands	Vitric Melanocryands	
3612	No	439	vitric melanudands	Vitric Melanudands	
3613	Yes	451	vitric placudands	Vitric Placudands	
3614	No	1377	vitritorrandic argiustolls	Vitritorrandic Argiustolls	
3615	No	1469	vitritorrandic argixerolls	Vitritorrandic Argixerolls	
3616	No	1489	vitritorrandic durixerolls	Vitritorrandic Durixerolls	
3617	No	1519	vitritorrandic haploxerolls	Vitritorrandic Haploxerolls	
3618	No	1422	vitritorrandic haplustolls	Vitritorrandic Haplustolls	

NASIS 7.1.4 Domains

Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
3619	No	2841	vitritorrandic ustorthents	Vitritorrandic Ustorthents	
3620	No	2348	vitrikerandic aquicambids	Vitrikerandic Aquicambids	
3621	No	2383	vitrikerandic argicryids	Vitrikerandic Argicryids	
3622	No	2419	vitrikerandic argidurids	Vitrikerandic Argidurids	
3623	No	2446	vitrikerandic argigypsids	Vitrikerandic Argigypsids	
3624	No	2260	vitrikerandic calciargids	Vitrikerandic Calciargids	
3625	No	2389	vitrikerandic calcicryids	Vitrikerandic Calcicryids	
3626	No	2453	vitrikerandic calcigypsids	Vitrikerandic Calcigypsids	
3627	Yes	602	vitrikerandic camborthids	Vitrikerandic Camborthids	
3628	Yes	509	vitrikerandic durargids	Vitrikerandic Durargids	
3629	Yes	615	vitrikerandic durorthids	Vitrikerandic Durorthids	
3630	No	3627	vitrikerandic dystrocryepts	Vitrikerandic Dystrocryepts	
3631	No	2267	vitrikerandic gypsiargids	Vitrikerandic Gypsiargids	
3632	No	2395	vitrikerandic gypsicryids	Vitrikerandic Gypsicryids	
3633	No	2279	vitrikerandic haplargids	Vitrikerandic Haplargids	
3634	No	2327	vitrikerandic haplocalcids	Vitrikerandic Haplocalcids	
3635	No	2366	vitrikerandic haplocambids	Vitrikerandic Haplocambids	
3636	No	3611	vitrikerandic haplocryepts	Vitrikerandic Haplocryepts	
3637	No	2400	vitrikerandic haplocryids	Vitrikerandic Haplocryids	
3638	No	2428	vitrikerandic haplodurids	Vitrikerandic Haplodurids	
3639	No	2462	vitrikerandic haplogypsids	Vitrikerandic Haplogypsids	
3640	No	3587	vitrikerandic humicryepts	Vitrikerandic Humicryepts	
3641	No	2291	vitrikerandic natrargids	Vitrikerandic Natrargids	
3642	No	2438	vitrikerandic natridurids	Vitrikerandic Natridurids	
3643	No	2470	vitrikerandic natrigypsids	Vitrikerandic Natrigypsids	
3644	No	2302	vitrikerandic paleargids	Vitrikerandic Paleargids	
3645	Yes	2338	vitrikerandic petrocalcids	Vitrikerandic Petrocalcids	
3646	No	2375	vitrikerandic petrocambids	Vitrikerandic Petrocambids	
3647	No	2477	vitrikerandic petrogypsids	Vitrikerandic Petrogypsids	
3648	No	683	vitrikerandic torrifluents	Vitrikerandic Torrifluents	
3649	Yes	2249	vitrustandic	Vitrustandic	
3650	No	1563	xanthic acroperox	Xanthic Acroperox	
3651	No	1634	xanthic acrudox	Xanthic Acrudox	
3652	No	1698	xanthic acrustox	Xanthic Acrustox	
3653	No	1579	xanthic eutroperox	Xanthic Eutroperox	

NASIS 7.1.4 Domains

Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
3654	No	1650	xanthic eutrudox	Xanthic Eutrudox	
3655	No	1714	xanthic eustrustox	Xanthic Eustrustox	
3656	No	1593	xanthic haploperox	Xanthic Haploperox	
3657	No	1665	xanthic hapludox	Xanthic Hapludox	
3658	No	1730	xanthic haplustox	Xanthic Haplustox	
3659	No	1606	xanthic kandiperox	Xanthic Kandiperox	
3660	No	1679	xanthic kandiudox	Xanthic Kandiudox	
3661	No	1743	xanthic kandiustox	Xanthic Kandiustox	
3662	Yes	531	xeralfic haplargids	Xeralfic Haplargids	
3663	Yes	567	xeralfic paleargids	Xeralfic Paleargids	
3664	Yes	3450	xeralfic paleorthids	Xeralfic Paleorthids	
3665	No	2334	xeralfic petrocalcids	Xeralfic Petrocalcids	
3666	Yes	2902	xerarents	Xerarents	
3667	No	2989	xereptic haplodurids	Xereptic Haplodurids	
3668	No	2988	xereptic petrocryids	Xereptic Petrocryids	
3669	No	1171	xerertic argialbolls	Xerertic Argialbolls	
3670	No	2251	xerertic calciargids	Xerertic Calciargids	
3671	Yes	603	xerertic camborthids	Xerertic Camborthids	
3672	No	529	xerertic haplargids	Xerertic Haplargids	
3673	No	2357	xerertic haplocambids	Xerertic Haplocambids	
3674	No	3523	xerertic natrargids	Xerertic Natrargids	
3675	No	729	xerertic torriorthents	Xerertic Torriorthents	
3676	No	2351	xeric aquicambids	Xeric Aquicambids	
3677	No	1172	xeric argialbolls	Xeric Argialbolls	
3678	No	2385	xeric argicryids	Xeric Argicryids	
3679	No	3346	xeric argicryolls	Xeric Argicryolls	
3680	No	2421	xeric argidurids	Xeric Argidurids	
3681	No	2448	xeric argigypsids	Xeric Argigypsids	
3682	No	2262	xeric calciargids	Xeric Calciargids	
3683	No	3605	xeric calcicryepts	Xeric Calcicryepts	
3684	No	2391	xeric calcicryids	Xeric Calcicryids	
3685	No	3352	xeric calcicryolls	Xeric Calcicryolls	
3686	No	2455	xeric calcigypsids	Xeric Calcigypsids	
3687	Yes	2636	xeric durandepts	Xeric Durandepts	
3688	No	2536	xeric duraquerts	Xeric Duraquerts	

NASIS 7.1.4 Domains

Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
3689	No	3170	xeric dystrocryepts	Xeric Dystrocryepts	
3690	No	2068	xeric endoaquerts	Xeric Endoaquerts	
3691	No	2077	xeric epiaquerts	Xeric Epiaquerts	
3692	Yes	3158	xeric eutrocryepts	Xeric Eutrocryepts	
3693	No	2929	xeric glossocryalfs	Xeric Glossocryalfs	
3694	No	2269	xeric gypsiargids	Xeric Gypsiargids	
3695	No	2281	xeric haplargids	Xeric Haplargids	
3696	No	2329	xeric haplocalcids	Xeric Haplocalcids	
3697	No	2371	xeric haplocambids	Xeric Haplocambids	
3698	No	2947	xeric haplocryalfs	Xeric Haplocryalfs	
3699	No	347	xeric haplocryands	Xeric Haplocryands	
3700	No	3622	xeric haplocryepts	Xeric Haplocryepts	
3701	No	2402	xeric haplocryids	Xeric Haplocryids	
3702	No	3368	xeric haplocryolls	Xeric Haplocryolls	
3703	No	2430	xeric haplodurids	Xeric Haplodurids	
3704	No	2464	xeric haplogypsids	Xeric Haplogypsids	
3705	No	1903	xeric haplohumults	Xeric Haplohumults	
3706	No	3600	xeric humicryepts	Xeric Humicryepts	
3707	No	1913	xeric kandihumults	Xeric Kandihumults	
3708	No	1922	xeric kanhaplohumults	Xeric Kanhaplohumults	
3709	No	2293	xeric natrargids	Xeric Natrargids	
3710	No	2440	xeric natridurids	Xeric Natridurids	
3711	No	2472	xeric natrigypsids	Xeric Natrigypsids	
3712	No	2304	xeric paleargids	Xeric Paleargids	
3713	No	2914	xeric palecryalfs	Xeric Palecryalfs	
3714	No	3334	xeric palecryolls	Xeric Palecryolls	
3715	No	1928	xeric palehumults	Xeric Palehumults	
3716	No	2310	xeric petroargids	Xeric Petroargids	
3717	No	2340	xeric petrocalcids	Xeric Petrocalcids	
3718	No	2377	xeric petrocambids	Xeric Petrocambids	
3719	No	2408	xeric petrocryids	Xeric Petrocryids	
3720	No	2479	xeric petrogypsids	Xeric Petrogypsids	
3721	No	781	xeric quartzipsamments	Xeric Quartzipsamments	
3722	No	684	xeric torrifluvents	Xeric Torrifluvents	
3723	No	730	xeric torriorthents	Xeric Torriorthents	

NASIS 7.1.4 Domains

Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
3724	No	787	xeric torripsamments	Xeric Torripsamments	
3725	No	364	xeric vitricryands	Xeric Vitricryands	
3726	Yes	582	xerochreptic calciorthids	Xerochreptic Calciorthids	
3727	Yes	605	xerochreptic camborthids	Xerochreptic Camborthids	
3728	Yes	617	xerochreptic durorthids	Xerochreptic Durorthids	
3729	Yes	2426	xerochreptic haplodurids	Xerochreptic Haplodurids	
3730	Yes	628	xerochreptic paleorthids	Xerochreptic Paleorthids	
3731	No	2368	xerofluventic haplocambids	Xerofluventic Haplocambids	
3732	Yes	581	xerollic calciorthids	Xerollic Calciorthids	
3733	Yes	604	xerollic camborthids	Xerollic Camborthids	
3734	Yes	510	xerollic durargids	Xerollic Durargids	
3735	Yes	616	xerollic durorthids	Xerollic Durorthids	
3736	No	2926	xerollic glossocryalFs	Xerollic GlossocryalFs	
3737	Yes	530	xerollic haplargids	Xerollic Haplargids	
3738	No	2944	xerollic haplocryalFs	Xerollic HaplocryalFs	
3739	Yes	538	xerollic nadurargids	Xerollic Nadurargids	
3740	Yes	554	xerollic natrargids	Xerollic Natrargids	
3741	Yes	566	xerollic paleargids	Xerollic Paleargids	
3742	Yes	627	xerollic paleorthids	Xerollic Paleorthids	
3747	No	3747	abruptic natrudolls	Abruptic Natrudolls	
3748	No	3748	anhydritic aquisalids	Anhydritic Aquisalids	
3749	No	3749	anhydritic haplosalids	Anhydritic Haplosalids	
3750	No	3750	anthraltic torriorthents	Anthraltic Torriorthents	
3751	No	3751	anthraltic sodic xerorthents	Anthraltic Sodic Xerorthents	
3752	No	3752	anthraltic xerorthents	Anthraltic Xerorthents	
3753	No	3753	anthrodensic sodic udorthents	Anthrodensic Sodic Udorthents	
3754	No	3754	anthrodensic udorthents	Anthrodensic Udorthents	
3755	No	3755	anthrodensic ustorthents	Anthrodensic Ustorthents	
3756	No	3756	anthropic haplocambids	Anthropic Haplocambids	
3757	No	3757	anthropic petrocalcic calciudolls	Anthropic Petrocalcic Calciudolls	
3758	No	3758	anthroportic udorthents	Anthroportic Udorthents	
3759	No	3759	anthroportic ustorthents	Anthroportic Ustorthents	
3760	No	3760	haploplaggic alorthods	Haploplaggic Alorthods	

NASIS 7.1.4 Domains

Domain Name: taxonomic_subgroup

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
3761	No	3761	haploplaggic fragiaquods	Haploplaggic Fragiaquods	
3762	No	3762	haploplaggic fragiorthods	Haploplaggic Fragiorthods	
3763	No	3763	haploplaggic haplohumods	Haploplaggic Haplohumods	
3764	No	3764	haploplaggic udipsammments	Haploplaggic Udipsammments	
3765	No	3765	petrocalcic argiudolls	Petrocalcic Argiudolls	
3766	No	3766	petrocalcic hapludolls	Petrocalcic Hapludolls	
3767	No	3767	petrocalcic natraquolls	Petrocalcic Natraquolls	
3768	No	3768	anthropic udorthents	Anthropic Udorthents	

Domain Name: taxonomic_suborder

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	30	albolis	Albolis	
2	Yes	24	andepts	Andepts	
3	Yes	69	anthrepts	Anthrepts	
4	No	1	aqualfs	Aqualfs	
5	No	6	aquands	Aquands	
6	No	15	aquents	Aquents	
7	No	25	aquepts	Aquepts	
8	No	56	aquerts	Aquerts	
9	No	44	aquods	Aquods	
10	No	31	aquolls	Aquolls	
11	No	37	aquox	Aquox	
12	No	48	aquults	Aquults	
13	Yes	16	arents	Arents	
14	No	13	argids	Argids	
15	Yes	2	boralfs	Boralfs	
16	Yes	32	borolls	Borolls	
17	No	64	calcids	Calcids	
18	No	65	cambids	Cambids	
19	No	75	cryalfs	Cryalfs	
20	No	7	cryands	Cryands	
21	No	70	cryepts	Cryepts	
22	No	57	cryerts	Cryerts	

NASIS 7.1.4 Domains

Domain Name: taxonomic_suborder

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
23	No	60	cryids	Cryids	
24	No	58	cryods	Cryods	
25	No	74	cryolls	Cryolls	
26	No	62	durids	Durids	
27	Yes	45	ferrods	Ferrods	
28	No	21	fibrists	Fibrists	
29	No	17	fluvents	Fluvents	
30	No	22	folists	Folists	
31	No	76	gelands	Gelands	
32	No	77	gelepts	Gelepts	
33	No	78	gelods	Gelods	
34	No	79	gelolls	Gelolls	
35	No	63	gypsids	Gypsids	
36	No	20	hemists	Hemists	
37	No	66	histels	Histels	
38	No	46	humods	Humods	
39	Yes	38	humox	Humox	
40	No	49	humults	Humults	
41	Yes	26	ochrepts	Ochrepts	
42	No	67	orthels	Orthels	
43	No	18	orthents	Orthents	
44	Yes	14	orthids	Orthids	
45	No	47	orthods	Orthods	
46	Yes	39	orthox	Orthox	
47	No	40	perox	Perox	
48	Yes	59	plaggepts	Plaggepts	
49	No	19	psamments	Psamments	
50	No	33	rendolls	Rendolls	
51	No	61	salids	Salids	
52	No	23	saprists	Saprists	
53	No	8	torrands	Torrands	
54	No	52	torrerts	Torrerts	
55	No	41	torrox	Torrox	
56	Yes	27	tropepts	Tropepts	
57	No	68	turbels	Turbels	

NASIS 7.1.4 Domains

Domain Name: taxonomic_suborder

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
58	No	3	udalfs	Udalfs	
59	No	9	udands	Udands	
60	No	71	udepts	Udepts	
61	No	53	uderts	Uderts	
62	No	34	udolls	Udolls	
63	No	42	udox	Udox	
64	No	50	udults	Udults	
65	Yes	28	umbrepts	Umbrepts	
66	No	4	ustalfs	Ustalfs	
67	No	10	ustands	Ustands	
68	No	72	ustepts	Ustepts	
69	No	54	usterts	Usterts	
70	No	35	ustolls	Ustolls	
71	No	43	ustox	Ustox	
72	No	29	ustults	Ustults	
73	No	11	vitrand	Vitrands	
74	No	80	wassents	Wassents	
75	No	81	wassists	Wassists	
76	No	5	xeralfs	Xeralfs	
77	No	12	xerands	Xerands	
78	No	73	xerepts	Xerepts	
79	No	55	xererts	Xererts	
80	No	36	xerolls	Xerolls	
81	No	51	xerults	Xerults	

Domain Name: taxonomic_temp_regime

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	cryic	cryic	
2	Yes	11	cryic(pdpcode)	Cryic (PDP code)	
3	No	2	frigid	frigid	
4	No	13	gelic	gelic	
5	No	3	hyperthermic	hyperthermic	
6	No	4	isofrigid	isofrigid	

NASIS 7.1.4 Domains

Domain Name: taxonomic_temp_regime

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
7	No	5	isohyperthermic	isohyperthermic	
8	No	6	isomesic	isomesic	
9	No	7	isothermic	isothermic	
10	No	8	mesic	mesic	
11	Yes	9	pergelic	pergelic	
12	Yes	12	pergelic(pdpcode)	Pergelic (PDP code)	
13	No	10	thermic	thermic	

Domain Name: terms_used_in_lieu_of_texture

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	Yes	2	apum	Ashy-pumiceous	<i>Ashy-pumiceous</i>
2	No	56	art	Artifacts	<i>Dominated by human artifacts with too little fine-earth to determine the textural class (less than about 10 percent fine-earth, by volume)</i>
3	Yes	1	ashy	Ashy	<i>Ashy</i>
4	Yes	3	ask	Ashy-skeletal	<i>Ashy-skeletal</i>
5	No	47	br	Bedrock	<i>Bedrock</i>
6	No	35	by	Boulders	<i>Boulders</i>
7	No	33	cb	Cobbles	<i>Cobbles</i>
8	Yes	4	ce	Coprogeous earth	<i>Coprogeous earth</i>
9	Yes	5	cem	Cemented	<i>Cemented</i>
10	Yes	6	cind	Cinders	<i>Cindery</i>
11	No	36	cn	Channers	<i>Channers</i>
12	Yes	7	cndy	Cindery	<i>Cindery</i>
13	No	57	coarse gypsum material	Coarse gypsum material	<i>Soil material with 40 percent or more, by weight, gypsum in the fine-earth fraction and 50 percent or more of the fine-earth fraction is comprised of particles ranging from 0.1 to 2.0 mm in diameter.</i>
14	Yes	8	cpf	Consolidated permafrost (ice rich)	<i>Consolidated permafrost (ice rich)</i>
15	Yes	9	de	Diatomaceous earth	<i>Diatomaceous earth</i>
16	Yes	31	dur	Duripan	<i>Duripan</i>
17	No	58	fine gypsum material	Fine gypsum material	<i>Soil material with 40 percent or more, by weight, gypsum in the fine-earth fraction and less than 50 percent of the fine-earth fraction is comprised of particles ranging from 0.1 to 2.0 mm in diameter.</i>
18	No	37	fl	Flagstones	<i>Flagstones</i>
19	Yes	11	frag	Fragmental material	<i>Fragmental material</i>
20	No	12	gr	Gravel	<i>Gravel</i>
21	Yes	13	gyp	Gypsiferous material	<i>Material that contains 15 to < 40 percent by weight gypsum.</i>

NASIS 7.1.4 Domains

Domain Name: terms_used_in_lieu_of_texture

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
22	No	46	hpm	Highly decomposed plant material	<i>Highly decomposed plant material that is saturated with water for less than 30 cumulative days in normal years (and is not artificially drained).</i>
23	Yes	16	hpum	Hydrous-pumiceous	<i>Hydrous-pumiceous</i>
24	Yes	17	hsk	Hydrous-skeletal	<i>Hydrous-skeletal</i>
25	Yes	15	hydr	Hydrous	<i>Hydrous</i>
26	Yes	18	ind	Indurated	<i>Indurated</i>
27	Yes	19	marl	Marl	<i>Marl</i>
28	No	29	mat	Material	<i>Material</i>
29	Yes	20	medl	Medial	<i>Medial</i>
30	No	45	mpm	Moderately decomposed plant material	<i>Moderately decomposed plant material that is saturated with water for less than 30 cumulative days in normal years (and is not artificially drained).</i>
31	No	14	mpt	Mucky peat	<i>Moderately decomposed organic material of any thickness that is saturated with water for 30 or more cumulative days in normal years (or is artificially drained), including that in Histels and Histosols, except for Folists.</i>
32	Yes	21	mpum	Medial-pumiceous	<i>Medial-pumiceous</i>
33	Yes	22	msk	Medial-skeletal	<i>Medial-skeletal</i>
34	No	25	muck	Muck	<i>Highly decomposed organic material of any thickness that is saturated with water for 30 or more cumulative days in normal years (or is artificially drained), including that in Histels and Histosols, except for Folists.</i>
35	Yes	54	opwd	Oxide protected weathered bedrock	<i>Oxide protected weathered bedrock</i>
36	Yes	48	or	Ortstein	<i>Ortstein</i>
37	No	41	pby	Paraboulders	<i>Paraboulders</i>
38	Yes	30	pc	Petrocalcic	<i>Petrocalcic</i>
39	No	39	pcb	Paracobbles	<i>Paracobbles</i>
40	No	42	pcn	Parachanners	<i>Parachanners</i>
41	Yes	55	pdom	Partially decomposed organic matter	<i>Partially decomposed organic matter.</i>
42	No	10	peat	Peat	<i>Slightly decomposed organic material of any thickness that is saturated with water for 30 or more cumulative days in normal years (or is artificially drained), including that in Histels and Histosols, except for Folists.</i>
43	Yes	49	pf	Petroferric	<i>Petroferric</i>
44	No	43	pfl	Paraflagstones	<i>Paraflagstones</i>
45	No	38	pg	Paragravel	<i>Paragravel</i>
46	Yes	50	pgp	Petrogypsic	<i>Petrogypsic</i>
47	Yes	51	pl	Placic	<i>Placic</i>
48	No	40	pst	Parastones	<i>Parastones</i>
49	Yes	23	pum	Pumiceous	<i>Pumiceous</i>

NASIS 7.1.4 Domains

Domain Name: terms_used_in_lieu_of_texture

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
50	Yes	24	sg	Sand and gravel	<i>Sand and gravel</i>
51	No	44	spm	Slightly decomposed plant material	<i>Slightly decomposed plant material that is saturated with water for less than 30 cumulative days in normal years (and is not artificially drained).</i>
52	No	34	st	Stones	<i>Stones</i>
53	Yes	52	u	Unknown texture	<i>Unknown texture</i>
54	Yes	53	udom	Undecomposed organic matter	<i>Undecomposed organic matter</i>
55	Yes	26	uwb	Unweathered bedrock	<i>Unweathered bedrock</i>
56	Yes	27	var	Variable	<i>Variable</i>
57	No	32	w	Water	<i>Water</i>
58	Yes	28	wb	Weathered bedrock	<i>Weathered bedrock</i>

Domain Name: text_kind_general

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	edit notes	Edit Notes	<i>Text entries associated with this kind of text typically describe what changes were made to the data and the reasons for those changes.</i>
2	No	2	miscellaneous notes	Miscellaneous notes	

Domain Name: texture_class

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	21	c	Clay	
2	No	17	cl	Clay loam	
3	No	1	cos	Coarse sand	
4	No	9	cosl	Coarse sandy loam	
5	No	3	fs	Fine sand	
6	No	11	fsl	Fine sandy loam	
7	No	13	l	Loam	
8	No	5	lcos	Loamy coarse sand	
9	No	7	lfs	Loamy fine sand	
10	No	6	ls	Loamy sand	
11	No	8	lvfs	Loamy very fine sand	
12	No	2	s	Sand	
13	No	19	sc	Sandy clay	

NASIS 7.1.4 Domains

Domain Name: texture_class

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
14	No	16	scl	Sandy clay loam	
15	No	15	si	Silt	
16	No	20	sic	Silty clay	
17	No	18	sicl	Silty clay loam	
18	No	14	sil	Silt loam	
19	No	10	sl	Sandy loam	
20	No	4	vfs	Very fine sand	
21	No	12	vfsl	Very fine sandy loam	

Domain Name: texture_modifier

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	71	art	Artifactual	15 to 35 percent human artifacts, by volume
2	No	72	artv	Very artifactual	35 to 60 percent human artifacts, by volume
3	No	73	artx	Extremely artifactual	60 to 90 percent human artifacts, by volume
4	No	26	ashy	Ashy	Ashy
5	No	1	by	Bouldery	Bouldery
6	No	90	byart	Bouldery-artifactual	Horizon contains a combination of rock fragments and artifacts which are discrete (\Rightarrow 2mm), cohesive, and persistent. The total of rock fragments plus artifacts is 15 to less than 35 percent, by volume. Boulders and boulder-size artifacts dominate fraction \Rightarrow 2 mm.
7	No	2	byv	Very bouldery	Very bouldery
8	No	91	byvart	Very bouldery-artifactual	Horizon contains a combination of rock fragments and artifacts which are discrete (\Rightarrow 2mm), cohesive, and persistent. The total of rock fragments plus artifacts is 35 to less than 60 percent, by volume. Boulders and boulder-size artifacts dominate fraction \Rightarrow 2 mm.
9	No	3	byx	Extremely bouldery	Extremely bouldery
10	No	92	byxart	Extremely bouldery-artifactual	Horizon contains a combination of rock fragments and artifacts which are discrete (\Rightarrow 2mm), cohesive, and persistent. The total of rock fragments plus artifacts is 60 to less than 90 percent, by volume. Boulders and boulder-size artifacts dominate fraction \Rightarrow 2 mm.
11	No	4	cb	Cobbly	Cobbly
12	Yes	55	cba	Angular cobbly	Angular cobbly
13	No	78	cbart	Cobbly-artifactual	Horizon contains a combination of rock fragments and artifacts which are discrete (\Rightarrow 2mm), cohesive, and persistent. The total of rock fragments plus artifacts is 15 to less than 35 percent, by volume. Cobbles and cobble-size artifacts dominate fraction \Rightarrow 2 mm.
14	No	5	cbv	Very cobbly	Very cobbly
15	No	79	cbvart	Very cobbly-artifactual	Horizon contains a combination of rock fragments and artifacts which are discrete (\Rightarrow 2mm), cohesive, and persistent. The total of rock fragments plus artifacts is 35 to less than 60 percent, by volume. Cobbles and cobble-size artifacts dominate fraction \Rightarrow 2 mm.

NASIS 7.1.4 Domains

Domain Name: texture_modifier

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
16	No	6	cbx	Extremely cobbly	<i>Extremely cobbly</i>
17	No	80	cbxart	Extremely cobbly-artifactual	<i>Horizon contains a combination of rock fragments and artifacts which are discrete (\Rightarrow 2mm), cohesive, and persistent. The total of rock fragments plus artifacts is 60 to less than 90 percent, by volume. Cobbles and cobble-size artifacts dominate fraction \Rightarrow 2 mm.</i>
18	No	57	cem	Cemented	<i>The material being modified is cemented by one or more cementing agents such that it does not slake in water.</i>
19	No	7	cn	Channery	<i>Channery</i>
20	No	81	cnart	Channery-artifactual	<i>Horizon contains a combination of rock fragments and artifacts which are discrete (\Rightarrow 2mm), cohesive, and persistent. The total of rock fragments plus artifacts is 15 to less than 35 percent, by volume. Channers and channer-size artifacts dominate fraction \Rightarrow 2 mm.</i>
21	No	8	cnv	Very channery	<i>Very channery</i>
22	No	82	cnvart	Very channery-artifactual	<i>Horizon contains a combination of rock fragments and artifacts which are discrete (\Rightarrow 2mm), cohesive, and persistent. The total of rock fragments plus artifacts is 35 to less than 60 percent, by volume. Channers and channer-size artifacts dominate fraction \Rightarrow 2 mm.</i>
23	No	9	cnx	Extremely channery	<i>Extremely channery</i>
24	No	83	cnxart	Extremely channery-artifactual	<i>Horizon contains a combination of rock fragments and artifacts which are discrete (\Rightarrow 2mm), cohesive, and persistent. The total of rock fragments plus artifacts is 60 to less than 90 percent, by volume. Channers and channer-size artifacts dominate fraction \Rightarrow 2 mm.</i>
25	No	51	cop	Coprogenous	<i>Coprogenous</i>
26	Yes	58	cr	Cherty	
27	Yes	59	crv	Very cherty	
28	Yes	60	crx	Extremely cherty	
29	Yes	61	cy	Cindery	
30	No	52	dia	Diatomaceous	<i>Diatomaceous</i>
31	No	10	fl	Flaggy	<i>Flaggy</i>
32	No	84	flart	Flaggy-artifactual	<i>Horizon contains a combination of rock fragments and artifacts which are discrete (\Rightarrow 2mm), cohesive, and persistent. The total of rock fragments plus artifacts is 15 to less than 35 percent, by volume. Flagstones and flagstone-size artifacts dominate fraction \Rightarrow 2 mm.</i>
33	No	11	flv	Very flaggy	<i>Very flaggy</i>
34	No	85	flvart	Very flaggy-artifactual	<i>Horizon contains a combination of rock fragments and artifacts which are discrete (\Rightarrow 2mm), cohesive, and persistent. The total of rock fragments plus artifacts is 35 to less than 60 percent, by volume. Flagstones and flagstone-size artifacts dominate fraction \Rightarrow 2 mm.</i>
35	No	12	flx	Extremely flaggy	<i>Extremely flaggy</i>
36	No	86	flxart	Extremely flaggy-artifactual	<i>Horizon contains a combination of rock fragments and artifacts which are discrete (\Rightarrow 2mm), cohesive, and persistent. The total of rock fragments plus artifacts is 60 to less than 90 percent, by volume. Flagstones and flagstone-size artifacts dominate fraction \Rightarrow 2 mm.</i>
37	No	13	gr	Gravelly	<i>Gravelly</i>

NASIS 7.1.4

Domains

Domain Name: texture_modifier

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
38	No	75	grat	Gravelly-artifactual	<i>Horizon contains a combination of rock fragments and artifacts which are discrete (\Rightarrow 2mm), cohesive, and persistent. The total of rock fragments plus artifacts is 15 to less than 35 percent, by volume. Gravel and gravel-size artifacts dominate fraction \Rightarrow 2 mm.</i>
39	No	14	grc	Coarse gravelly	<i>Coarse gravelly</i>
40	No	15	grf	Fine gravelly	<i>Fine gravelly</i>
41	No	16	grm	Medium gravelly	<i>Medium gravelly</i>
42	No	17	grv	Very gravelly	<i>Very gravelly</i>
43	No	76	grvart	Very gravelly-artifactual	<i>Horizon contains a combination of rock fragments and artifacts which are discrete (\Rightarrow 2mm), cohesive, and persistent. The total of rock fragments plus artifacts is 35 to less than 60 percent, by volume. Gravel and gravel-size artifacts dominate fraction \Rightarrow 2 mm.</i>
44	No	18	grx	Extremely gravelly	<i>Extremely gravelly</i>
45	No	77	grxart	Extremely gravelly-artifactual	<i>Horizon contains a combination of rock fragments and artifacts which are discrete (\Rightarrow 2mm), cohesive, and persistent. The total of rock fragments plus artifacts is 60 to less than 90 percent, by volume. Gravel and gravel-size artifacts dominate fraction \Rightarrow 2 mm.</i>
46	No	50	gs	Grassy	<i>Grassy</i>
47	Yes	62	gy	Gritty	
48	No	53	gyp	Gypsiferous	<i>material that contains 15 to < 40 percent by weight gypsum.</i>
49	No	48	hb	Herbaceous	<i>Herbaceous</i>
50	Yes	63	he	Hemic	
51	No	74	ho	Highly organic	<i>Highly organic is used to modify near surface horizons of mineral soils that are saturated with water for less than 30 cumulative days in normal years (and are not artificially drained). Excluding live roots, the horizon has organic carbon content (by weight) of: 5 to < 20 percent if the mineral fraction contains no clay; or 12 to < 20 percent if the mineral fraction contains 60 percent or more clay; or ((5 + (clay percentage multiplied by 0.12)) to < 20 percent if the mineral fraction contains less than 60 percent clay. The organic material is at least partially decomposed.</i>
52	No	27	hydr	Hydrous	<i>Hydrous</i>
53	Yes	64	ind	Indurated	
54	No	28	medl	Medial	<i>Medial</i>
55	No	19	mk	Mucky	<i>Mucky is used to modify near surface horizons of mineral soils that are saturated with water for 30 or more cumulative days in normal years (or are artificially drained). An example is mucky loam. Excluding live roots, the horizon has organic carbon content (by weight) of 5 to < 12 percent if the mineral fraction contains no clay; or 12 to < 18 percent if the mineral fraction contains 60 percent or more clay; or (5 + (clay percentage multiplied by 0.12)) to < (12 + (clay percentage multiplied by 0.10)) if the mineral fraction contains less than 60 percent clay. The organic material is highly decomposed.</i>
56	Yes	56	mky	Mucky*	
57	No	54	mr	Marly	<i>Marly</i>
58	No	49	ms	Mossy	<i>Mossy</i>
59	No	29	pby	Parabouldery	<i>Parabouldery</i>

NASIS 7.1.4

Domains

Domain Name: texture_modifier

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
60	No	30	pbyv	Very parabouldery	<i>Very parabouldery</i>
61	No	31	pbyx	Extremely parabouldery	<i>Extremely parabouldery</i>
62	No	32	pcb	Paracobbly	<i>Paracobbly</i>
63	No	33	pcbv	Very paracobbly	<i>Very paracobbly</i>
64	No	34	pcbx	Extremely paracobbly	<i>Extremely paracobbly</i>
65	No	35	pcn	Parachannery	<i>Parachannery</i>
66	No	36	pcnv	Very parachannery	<i>Very parachannery</i>
67	No	37	pcnx	Extremely parachannery	<i>Extremely parachannery</i>
68	No	20	pf	Permanently frozen	<i>Permanently frozen</i>
69	No	38	pfl	Paraflaggy	<i>Paraflaggy</i>
70	No	39	pflv	Very paraflaggy	<i>Very paraflaggy</i>
71	No	40	pflx	Extremely paraflaggy	<i>Extremely paraflaggy</i>
72	No	41	pgr	Paragravelly	<i>Paragravelly</i>
73	No	42	pgrv	Very paragravelly	<i>Very paragravelly</i>
74	No	43	pgrx	Extremely paragravelly	<i>Extremely paragravelly</i>
75	No	44	pst	Parastony	<i>Parastony</i>
76	No	45	pstv	Very parastony	<i>Very parastony</i>
77	No	46	pstx	Extremely parastony	<i>Extremely parastony</i>
78	No	25	pt	Peaty	<i>Peaty is used to modify near surface horizons of mineral soils that are saturated with water for 30 or more cumulative days in normal years (or are artificially drained). An example is peaty loam. Excluding live roots, the horizon has organic carbon content (by weight) of: 5 to < 12 percent if the mineral fraction contains no clay; or 12 to < 18 percent if the mineral fraction contains 60 percent or more clay; or (5 + (clay percentage multiplied by 0.12)) to < (12 + (clay percentage multiplied by 0.10)) if the mineral fraction contains less than 60 percent clay. The organic material is slightly decomposed.</i>
79	Yes	65	sh	Shaly	
80	Yes	66	shv	Very shaly	
81	Yes	67	shx	Extremely shaly	
82	Yes	21	sr	Stratified	<i>Stratified</i>
83	No	22	st	Stony	<i>Stony</i>
84	No	87	start	Stony-artifactual	<i>Horizon contains a combination of rock fragments and artifacts which are discrete (=> 2mm), cohesive, and persistent. The total of rock fragments plus artifacts is 15 to less than 35 percent, by volume. Stones and stone-size artifacts dominate fraction => 2 mm.</i>
85	No	23	stv	Very stony	<i>Very stony</i>
86	No	88	stvar	Very stony-artifactual	<i>Horizon contains a combination of rock fragments and artifacts which are discrete (=> 2mm), cohesive, and persistent. The total of rock fragments plus artifacts is 35 to less than 60 percent, by volume. Stones and stone-size artifacts dominate fraction => 2 mm.</i>

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Domains

Domain Name: texture_modifier

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
87	No	24	stx	Extremely stony	<i>Extremely stony</i> <i>Horizon contains a combination of rock fragments and artifacts which are discrete (=> 2mm), cohesive, and persistent. The total of rock fragments plus artifacts is 60 to less than 90 percent, by volume. Stones and stone-size artifacts dominate fraction => 2 mm.</i>
88	No	89	stxart	Extremely stony-artifactual	
89	Yes	68	sy	slaty	
90	Yes	69	syv	Very slaty	<i>Woody</i>
91	Yes	70	syx	Extremely slaty	
92	No	47	wd	Woody	
93	Yes	93	cyv	Very cindery	

Domain Name: texture_structure_category

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	0.01	0.01	<i>Compacted, structureless, clayey or silty materials such as landfill caps and liners, lacustrine or marine sediments.</i>
2	No	2	0.04	0.04	<i>Soils that are both fine textured (clayey or silty) and unstructured; may also include some fine sands.</i>
3	No	3	0.12	0.12	<i>Most structured soils from clays through loams; also includes unstructured medium and fine sands. The category most frequently applicable for agricultural soils.</i>
4	No	4	0.36	0.36	<i>Coarse and gravelly sands; may also include highly structured or aggregated soils, as well as soils with large and/or numerous cracks or macropores.</i>

Domain Name: tidal_period

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	2	high	High	<i>Site is not affected by tides (e.g. freshwater areas).</i>
2	No	1	incoming	Incoming	
3	No	4	low	Low	
4	No	5	none	None	
5	No	3	outgoing	Outgoing	

Domain Name: toughness_class

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
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NASIS 7.1.4

Domains

Domain Name: toughness_class

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	2	low	Low	<i>Can reduce the soil specimen diameter at or near the plastic limit to 3mm by exertion of <8 newtons force.</i>
2	No	3	medium	Medium	<i>Can reduce the soil specimen diameter at or near the plastic limit to 3mm by exertion of 8 to 20 newtons force.</i>
3	No	1	high	High	<i>Can reduce the soil specimen diameter at or near the plastic limit to 3mm by exertion of >20 newtons force.</i>

Domain Name: transect_cert_status

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	certified	Certified	<i>The transect has been reviewed and found to be suitable for analysis and correlaton.</i>
2	No	2	not certified	Not certified	<i>The transect has been reviewed and it was found that the transect should not be used for analysis or correlation.</i>

Domain Name: transect_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	random point	Random point transect	
2	No	2	regular interval	Regular interval transect	

Domain Name: transect_protocol

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	belt transect	Belt transect	<i>Used to detect changes in species with low cover or density. Reference: Monitoring Manual, Vol I, pg 30-33.</i>
2	No	2	canopy cover class	Canopy cover class	<i>Used for cover, frequency, and composition. References: Sampling Vegetation Attributes, Ch V-D, pg 55-63; National Vegetation Classification Standard, Version 2, pg. 24-26.</i>
3	No	3	comparative yield	Comparative yield	<i>Used for production and composition. Reference: Sampling Vegetation Attributes, Ch V-L, pg 116-122.</i>
4	No	4	density method	Density method	<i>Used for precise estimates of species richness. References: Monitoring Manual, Vol II, Ch 10, pg 57-60; Sampling Vegetation Attributes, Ch V-I, pg 94-101.</i>
5	No	5	double weight sampling	Double weight sampling	<i>Used for composition and production. Used for herbivore carrying capacity estimates and ecosystem energy flow. References: Sampling Vegetation Attributes, Ch V-J, V-K, pg 102-115.</i>
6	No	6	dry weight rank	Dry weight rank	<i>Used for composition, frequency, and production. Reference: Sampling Vegetation Attributes, Ch V-C, pg 50-54.</i>
7	No	7	frequency	Frequency	<i>Used for frequency and cover. Reference: Sampling Vegetation Attributes, Ch V-B, pg 37-49.</i>

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Domains

Domain Name: transect_protocol

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
8	No	8	gap intercept	Gap intercept	<i>Used for wind erosion and exotic plant invasion risk, and for soil water erosion risk and water infiltration. References: Monitoring Manual, Vol I, pg 16-22; NRI Rangeland Training Videos; Sampling Vegetation Attributes, Ch V-E, pg 64-69.</i>
9	No	9	harvest method	Harvest method	<i>Used for composition and production. Used for herbivore carrying capacity estimates and ecosystem energy flow. References: Sampling Vegetation Attributes, Ch V-J, V-K, pg 102-115.</i>
10	No	10	line intercept	Line intercept	<i>Used for cover and composition (by cover). Reference: Sampling Vegetation Attributes, Ch V-E, pg 64-69.</i>
11	No	11	line point intercept	Line point intercept	<i>Used for soil erosion risk, water infiltration, and changes in species composition or cover. References: Monitoring Manual, Vol I, pg 9-15. Monitoring Manual, Vol II, Ch 15, pg 79-82; NRI Rangeland Training Videos.</i>
12	No	12	nested frequency	Nested frequency	<i>Used for frequency and cover. Reference: Sampling Vegetation Attributes, Ch V-B, pg 37-49.</i>
13	No	13	ocular estimate	Ocular estimate	<i>Used only in low intensity inventories.</i>
14	No	14	sociability class	Sociability class	<i>Used to define horizontal structure or dispersion of a species within a plot. Reference: Mueller-Dombois and Ellenberg 1974, Aims and Methods of Vegetation Ecology.</i>
15	No	15	standing biomass	Standing biomass	
16	No	16	step gap	Step gap	<i>Used for wind erosion and exotic plant invasion risk, and for soil water erosion risk and water infiltration. Reference: Monitoring Manual, Vol I, pg 17.</i>
17	No	17	step point	Step point	<i>Used for cover and composition. Reference: Sampling Vegetation Attributes, Ch V-F, pg 70-77.</i>
18	No	18	weight unit estimate	Weight unit estimate	<i>Used for herbivore carrying capacity estimates and ecosystem energy flow. Reference: National Range and Pasture Handbook, Ch 4, 600-0401[c](1).</i>
19	No	19	dry weight rank/comparative yield	Dry weight rank/comparative yield	<i>A combination of Dry Weight Rank and Comparative Yield protocols.</i>

Domain Name: transect_selection

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	2	biased	Selected based on some bias	
2	No	1	random	Randomly selected	

Domain Name: transect_text_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	Yes	4	correlation notes	Correlation notes	
2	No	3	miscellaneous notes	Miscellaneous notes	
3	No	9	quality assurance	Quality assurance	<i>A text note related to Quality Assurance.</i>
4	No	10	quality control	Quality control	<i>A text note related to Quality Control.</i>

NASIS 7.1.4 Domains

Domain Name: transect_text_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
5	Yes	1	site association, formatted	Site association, formatted	<i>A formatted note written at the time of describing a site, pedon. or horizon. This note may be included into the pedon description report.</i>
6	Yes	2	site association, unformatted	Site association, unformatted	<i>A free-form note written at the time of describing a site, pedon. or horizon.</i>
7	No	7	transect methodology	Transect methodology	
8	No	5	transect, formatted	Transect, formatted	
9	No	6	transect, unformatted	Transect, unformatted	
10	No	8	windows pedon import issue	Windows Pedon import issue	

Domain Name: tree_condition

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	good	Good	
2	No	2	fair	Fair	
3	No	3	poor	Poor	

Domain Name: tss_outcomes

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	5	elevated people's knowledge of soils	Elevated people's knowledge of soils	
2	No	4	influenced external entity's decisions or policy	Influenced external entity's decisions or policy	
3	No	3	influenced nracs policy	Influenced NRCS policy	
4	No	2	influenced or created nracs technical materials	Influenced or created NRCS technical materials	
5	No	1	more science based land use decision	More science based land use decision	

Domain Name: tss_recipient

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	5	conservation district	Conservation district	
2	No	8	county, city or local agency	County, city or local agency	
3	No	13	district cooperator or program recipient	District cooperator or program recipient	

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Domain Name: tss_recipient

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
4	No	14	native american tribes	Native American Tribes	
5	No	1	nracs area or field office	NRCS area or field office	
6	No	4	nracs national	NRCS national	
7	No	3	nracs region	NRCS region	
8	No	2	nracs statewide	NRCS statewide	
9	No	10	other farm individuals, groups, or organizations	Other farm individuals, groups, or organizations	
10	No	6	other federal agency	Other Federal agency	
11	No	12	other non-farm group or organization	Other non-farm group or organization	
12	No	11	private consultants	Private consultants	
13	No	9	schools or educators	Schools or educators	
14	No	7	state agency	State agency	
15	No	15	underserved groups	Underserved groups	

Domain Name: tss_text_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	edit note	Edit Notes	<i>Note(s) explaining edits made to existing data.</i>
2	No	2	miscellaneous note	Miscellaneous notes	<i>Note(s) not related to any other choices.</i>

Domain Name: unified_soil_classification

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	12	ch	CH	<i>FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay.</i>
2	No	13	cl	CL	<i>FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay.</i>
3	No	27	cl-a	CL-A (proposed)	
4	No	28	cl-k	CL-K (proposed)	
5	No	1	cl-ml	CL-ML	
6	No	29	cl-o	CL-O (proposed)	
7	No	30	cl-t	CL-T (proposed)	
8	No	14	gc	GC	<i>COARSE-GRAINED SOILS, Gravels, gravel with fines, Clayey Gravel.</i>
9	No	2	gc-gm	GC-GM	
10	No	15	gm	GM	<i>COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel</i>
11	No	16	gp	GP	<i>COARSE-GRAINED SOILS, Gravels, clean gravels, Poorly Graded Gravel.</i>

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Domains

Domain Name: unified_soil_classification

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
12	No	3	gp-gc	GP-GC	
13	No	4	gp-gm	GP-GM	
14	No	17	gw	GW	COARSE-GRAINED SOILS, Gravels, clean gravels, Well-Graded Gravel.
15	No	11	gw-gc	GW-GC	
16	No	10	gw-gm	GW-GM	
17	No	18	mh	MH	FINE-GRAINED SOILS, Silts and clays, (liquid limit is 50% or more), Elastic Silt.
18	No	31	mh-a	MH-A (proposed)	
19	No	32	mh-k	MH-K (proposed)	
20	No	33	mh-o	MH-O (proposed)	
21	No	34	mh-t	MH-T (proposed)	
22	No	19	ml	ML	FINE-GRAINED SOILS, Silts and clays, (liquid limit is less than 50%), Silt.
23	No	35	ml-a	ML-A (proposed)	
24	No	36	ml-k	ML-K (proposed)	
25	No	37	ml-o	ML-O (proposed)	
26	No	38	ml-t	ML-T (proposed)	
27	No	20	oh	OH	FINE-GRAINED SOILS, Silts and clays, (liquid limit is 50% or more), Organic Clay or Organic Silt
28	No	39	oh-t	OH-T (proposed)	
29	No	21	ol	OL	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Organic Clay or Organic Silt.
30	No	22	pt	PT	Highly organic soils, Peat.
31	No	23	sc	SC	COARSE-GRAINED SOILS, Sands, sands with fines, Clayey Sand.
32	No	5	sc-sm	SC-SM	
33	No	24	sm	SM	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.
34	No	25	sp	SP	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly Graded Sand,
35	No	6	sp-sc	SP-SC	
36	No	7	sp-sm	SP-SM	
37	No	26	sw	SW	COARSE-GRAINED SOILS, Sands, Clean Sands, Well-graded Sand.
38	No	8	sw-sc	SW-SC	
39	No	9	sw-sm	SW-SM	

Domain Name: use_frequency

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	rarely, if ever, grazed	Rarely, if ever, grazed	
2	No	2	occasionally grazed	Occasionally grazed	

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Domain Name: use_frequency

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
3	No	3	systematically grazed	Systematically grazed	
4	No	4	unknown	Unknown	

Domain Name: user_affiliation

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	5	bia	BIA	
2	No	3	blm	BLM	
3	No	7	county agncy	County agency	
4	No	8	local agency	local agency	
5	No	4	nps	NPS	
6	No	1	nracs	NRCS	
7	No	9	other	Other	
8	No	6	state agency	State agency	
9	No	2	usfs	USFS	

Domain Name: usfs_ground_cover_type

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	3	bare soil (soil particles < 2 mm)	Bare soil (soil particles < 2 mm)	<i>Bare soil, not covered by rock, cryptogams, or organic material. Does not include any part of a road (see definition for road).</i>
2	No	1	basal forb	Basal forb	<i>Basal (cross sectional area at or near the ground level) cover of forbs.</i>
3	No	2	basal graminoid	Basal graminoid	<i>Basal (cross sectional area at or near the ground level) cover of grasses or grass-like plants.</i>
4	No	4	basal shrub	Basal shrub	<i>Basal (cross sectional area at or near the ground level) cover of shrubs.</i>
5	No	5	basal tree	Basal tree	<i>Basal (cross sectional area at or near the ground level) cover of trees.</i>
6	No	6	basal vegetation	Basal vegetation	<i>Basal vegetation, not differentiated by life form. For use when basal vegetation is not separated into more detailed codes.</i>
7	No	7	bedrock	Bedrock	<i>A general term for the rock, usually solid, that underlies soil or other unconsolidated, superficial material.</i>
8	No	9	cryptogamic crust	Cryptogamic crust	<i>Thin, biotically dominated ground or surface crusts on soil in dry rangeland conditions; e.g. cryptogamic crust (algae, lichen, mosses or cyanobacteria).</i>
9	No	8	cryptogams, mosses, and lichens	Cryptogams, mosses, and lichens	<i>For situations where information is not further differentiated.</i>
10	No	10	lichen	Lichen	<i>An organism generally recognized as a single plant that consists of a fungus and an alga or cyanobacterium living in a symbiotic association. For lichen growing on bare soil in dry rangeland conditions see cryptogamic crust.</i>

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Domains

Domain Name: usfs_ground_cover_type

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
11	No	11	litter and duff	Litter and duff	<i>Leaf and needle litter, and duff not yet incorporated into the decomposed top humus layer. Non-continuous litter is not included (for example, scattered needles over soil is classified as BARE.</i>
12	No	12	moss	Moss	<i>Nonvascular, terrestrial green plant, including mosses, hornworts, and liverworts. Always herbaceous. This code does not apply to moss growing on bare soil in dry rangeland conditions. For rangeland conditions, see cryptogamic crusts.</i>
13	No	13	non-vascular plant	Non-vascular plant	<i>Plants or plant-like organisms without specialized water or fluid conductive tissue (xylem and phloem). Includes mosses, liverworts, hornworts, lichens, algae, and bacterial soil crusts.</i>
14	No	14	pavement	Pavement	<i>A natural, concentration of closely packed and polished stones at the soil surface in a desert (may or may not be an erosional lag).</i>
15	No	15	permanent ice and snow	Permanent ice and snow	<i>Surface area covered by ice and snow at the time of plot measurement, considered permanent. For use when permanent ice and snow are not differentiated.</i>
16	No	16	road	Road	<i>Improved roads, paved roads, gravel roads, improved dirt roads, and off-road vehicle trails regularly maintained or in long-term continuing use. Generally constructed using machinery. Includes cutbanks and fills.</i>
17	No	17	transient ice and snow	Transient ice and snow	<i>Surface area covered by ice and snow at the time of plot measurement, considered transient. For use when permanent ice and snow are not differentiated.</i>
18	No	18	water	Water	<i>Where the water table is above the ground surface during the growing season, such as streams, bogs, swamps, marshes, and ponds.</i>
19	No	19	wood	Wood	<i>Woody material, slash, and debris; any woody material, small and large woody debris, regardless of depth. Litter and non-continuous litter are not included (for example, scattered needles over soil is classified as BARE).</i>

Domain Name: va_soil_management_group

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	43	QQ	QQ	
2	No	42	PP	PP	
3	No	41	OO	OO	
4	No	40	NN	NN	
5	No	39	MM	MM	
6	No	38	LL	LL	
7	No	37	KK	KK	
8	No	36	JJ	JJ	
9	No	35	II	II	
10	No	34	HH	HH	
11	No	33	GG	GG	
12	No	32	FF	FF	
13	No	31	EE	EE	

NASIS 7.1.4 Domains

Domain Name: va_soil_management_group

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
14	No	30	DD	DD	
15	No	29	CC	CC	
16	No	28	BB	BB	
17	No	27	AA	AA	
18	No	26	Z	Z	
19	No	25	Y	Y	
20	No	24	X	X	
21	No	23	W	W	
22	No	22	V	V	
23	No	21	U	U	
24	No	20	T	T	
25	No	19	S	S	
26	No	18	R	R	
27	No	17	Q	Q	
28	No	16	P	P	
29	No	15	O	O	
30	No	14	N	N	
31	No	13	M	M	
32	No	12	L	L	
33	No	11	K	K	
34	No	10	J	J	
35	No	9	I	I	
36	No	8	H	H	
37	No	7	G	G	
38	No	6	F	F	
39	No	5	E	E	
40	No	4	D	D	
41	No	3	C	C	
42	No	2	B	B	
43	No	1	A	A	

Domain Name: va_soil_productivity_group

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
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Domain Name: va_soil_productivity_group

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	16	NS	NS	<i>Not suited.</i>
2	No	15	Vb	Vb	
3	No	14	Va	Va	
4	No	13	V	V	
5	No	12	IVb	IVb	
6	No	11	IVa	IVa	
7	No	10	IV	IV	
8	No	9	IIIb	IIIb	
9	No	8	IIIa	IIIa	
10	No	7	III	III	
11	No	6	IIb	IIb	
12	No	5	IIa	IIa	
13	No	4	II	II	
14	No	3	Ib	Ib	
15	No	2	Ia	Ia	
16	No	1	I	I	

Domain Name: variability_expression

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	high, low	High, Low	
2	No	2	high, low, representative value	High, Low, Representative Value	
3	No	3	representative value	Representative Value	
4	No	4	list	List	
5	No	5	list, representative value	List, Representative Value	
6	No	8	none	None	

Domain Name: veg_plot_text_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	esis-esi range note	ESIS-ESI range notes	<i>Note(s) converted from legacy ESIS-ESI range data.</i>
2	No	2	esis-esi forest note	ESIS-ESI forest notes	<i>Note(s) converted from legacy ESIS-ESI forest data.</i>
3	No	3	data conversion note	Data conversion notes	<i>Note(s) concerning data conversion encountered when converting data from another database.</i>

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Domains

Domain Name: veg_plot_text_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
4	No	4	edit note	Edit notes	<i>Note(s) explaining edits made to existing data.</i>
5	No	5	miscellaneous note	Miscellaneous notes	<i>Note(s) not related to any other choices.</i>
6	No	6	qc/qa review note	QC/QA review notes	<i>Note(s) created as part of a quality control (QC) or quality assurance (QA) review of the data associated with a vegetation plot record.</i>
7	No	7	forest understory description	Forest understory description	<i>A narrative description of the forest understory community found on the plot.</i>
8	No	8	saleable forest products	Saleable forest products	<i>A description or listing of saleable and/or useable forest products from the plot.</i>
9	No	9	other forest considerations	Other forest considerations	<i>A description of other values or items to consider for the plot.</i>
10	No	10	data collection note	Data collection notes	<i>Note(s) recorded during the data collection/inventory process in the field.</i>

Domain Name: veg_transect_text_kind

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	edit note	Edit notes	<i>Note(s) explaining edits made to existing data.</i>
2	No	2	miscellaneous note	Miscellaneous notes	<i>Note(s) not related to any other choices.</i>
3	No	3	data conversion note	Data conversion notes	<i>Data conversion issue(s) encountered when converting data from another database.</i>
4	No	4	data collection note	Data collection notes	<i>Note(s) recorded during the data collection/inventory process in the field.</i>

Domain Name: vegetation_canopy_type

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	annual grass	Annual grass	
2	No	2	none	None	
3	No	3	perennial forbs or herbaceous	Perennial forbs or herbaceous	
4	No	4	perennial grass	Perennial grass	
5	No	5	shrub	Shrub	
6	No	6	tree	Tree	

Domain Name: vegetation_data_origin

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	esis	ESIS	<i>Data were converted from legacy ESIS-ESI database.</i>
2	No	2	direct data entry	Direct data entry	<i>Data were entered directly through the NASIS application user interface.</i>
3	No	3	spreadsheet form	Spreadsheet form	<i>Data were imported from a spreadsheet form.</i>

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Domains

Domain Name: vegetation_data_origin

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
4	No	4	dima	DIMA	<i>Data were converted from ARS-DIMA database.</i>
5	No	5	conservation planning	Conservation planning	<i>Data converted/imported for Conservation Planning Database.</i>
6	No	6	digital pen spreadsheet	Digital pen spreadsheet	<i>Data were imported from a digital pen enabled spreadsheet.</i>
7	No	7	other field data collection tool	Other field data collection tool	<i>Data were imported or converted from some other field data collection tool or external local database used by individuals or individual states.</i>

Domain Name: vegetation_strata_level

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	overstory	Overstory	<i>The uppermost layer(s) of vegetation in the community; usually trees or tall shrubs.</i>
2	No	2	understory	Understory	<i>The lowermost layer(s) of vegetation in the community; usually low shrubs, forbs, or grasses.</i>

Domain Name: vigor_class

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	excellent	Excellent	<i>Large plant size relative to age and environment; stolons and rhizomes longer than expected.</i>
2	No	2	good	Good	<i>Small decrease in plant size, number and length of stolons and rhizomes of some plants. Most plants appear healthy.</i>
3	No	3	moderate	Moderate	<i>Plants with decreased size, number and length of stolons and rhizomes are easily recognizable. Plant community may have patches of both normal and stressed individuals. Resistance to insects appears to diminish.</i>
4	No	4	fair	Fair	<i>Majority of plants appear to have decreased size. Stolons and rhizomes are significantly shorter and fewer than normal. Many grass species become sod-bound.</i>
5	No	5	poor	Poor	<i>Entire plant community exhibits smaller size. Stolons and runners appear dormant, few in number, and small. Increased mortality and absence of reproductive success.</i>

Domain Name: vnir_light_source

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	contact probe	contact probe	
2	No	2	mug light	mug light	
3	No	3	turntable	turntable	

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Domains

Domain Name: vnir_sample_condition

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	3	broken face	broken face	
2	No	5	crushed	crushed	
3	No	2	dried and sieved	dried and sieved	
4	No	1	field moist	field moist	
5	No	7	ped exterior	ped exterior	
6	No	6	ped interior	ped interior	
7	No	4	smeared	smeared	

Domain Name: vt_septic_system_class_2007

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	8	la	la	<i>This unit is well suited as a site for soil-based residential wastewater disposal systems, based on a review by the Natural Resources Conservation Service of criteria set forth in the Vermont 2007 Environmental Protection Rules. The rapid permeability in the substratum is a concern. Backfilling absorption trenches with at least one foot of finer textured material or other site modifications may be necessary to slow the percolation rate enough to allow for thorough filtering of effluent.</i>
2	No	9	lb	lb	<i>This unit is well suited as a site for soil-based residential wastewater disposal systems, based on a review by the Natural Resources Conservation Service of criteria set forth in the Vermont 2007 Environmental Protection Rules. The rapid permeability in the substratum and slopes greater than 20 percent in some areas are concerns. Backfilling absorption trenches with at least one foot of finer textured material or other site modifications may be necessary to slow the percolation rate enough to allow for thorough filtering of effluent. There may be less-sloping areas within the unit that are suitable for siting a septic system, or, if feasible, cut and fill site modifications may produce an acceptable area within the unit. An erosion prevention and sediment control plan is required by the State for construction on sites over 20 percent slope.</i>
3	No	10	lc	lc	<i>This unit is well suited as a site for soil-based residential wastewater disposal systems, based on a review by the Natural Resources Conservation Service of criteria set forth in the Vermont 2007 Environmental Protection Rules. With moderate permeability and slopes less than 20 percent, there are few limitations.</i>
4	No	11	ld	ld	<i>This unit is well suited as a site for soil-based residential wastewater disposal systems, based on a review by the Natural Resources Conservation Service of criteria set forth in the Vermont 2007 Environmental Protection Rules. Slopes greater than 20 percent in some areas are a concern. There may be less-sloping areas within the unit that are suitable for siting a septic system, or, if feasible, cut and fill site modifications may produce an acceptable area within the unit. An erosion prevention and sediment control plan is required by the State for construction on sites over 20 percent slope.</i>
5	No	12	lla	lla	<i>This unit is moderately suited as a site for soil-based residential wastewater disposal systems, based on a review by the Natural Resources Conservation Service of criteria set forth in the Vermont 2007 Environmental Protection Rules. The slow permeability in the substratum is the primary concern. Mound system construction and other site modifications may be necessary.</i>

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Domains

Domain Name: vt_septic_system_class_2007

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
6	No	13	IIb	IIb	<i>This unit is moderately suited as a site for soil-based residential wastewater disposal systems, based on a review by the Natural Resources Conservation Service of criteria set forth in the Vermont 2007 Environmental Protection Rules. The slow permeability in the substratum and slopes greater than 20 percent in some areas are the primary concerns. Mound system construction and other site modifications may be necessary. There may be less-sloping areas within the unit that are suitable for siting a septic system, or, if feasible, cut and fill site modifications may produce an acceptable area within the unit. An erosion prevention and sediment control plan is required by the State for construction on sites over 20 percent slope.</i>
7	No	14	IIc	IIc	<i>This unit is moderately suited as a site for soil-based residential wastewater disposal systems, based on a review by the Natural Resources Conservation Service of criteria set forth in the Vermont 2007 Environmental Protection Rules. The depth to bedrock in some areas is the primary concern. A significant percentage of this map unit has sufficient soil depth over bedrock to accept a range of designs. On-site investigations can help avoid areas with limited depth to bedrock. Additional fill material may be needed in some areas in order to meet the separation distance requirement between the bottom of the leachfield and bedrock.</i>
8	No	15	IId	IId	<i>This unit is moderately suited as a site for soil-based residential wastewater disposal systems, based on a review by the Natural Resources Conservation Service of criteria set forth in the Vermont 2007 Environmental Protection Rules. The depth to bedrock and slopes greater than 20 percent in some areas are the primary concerns. A significant percentage of this map unit has sufficient soil depth over bedrock to accept a range of designs. On-site investigations can help avoid areas with limited depth to bedrock. Additional fill material may be needed in some areas in order to meet the separation distance requirement between the bottom of the leachfield and bedrock. There may be less-sloping areas within the unit that are suitable for siting a septic system, or, if feasible, cut and fill site modifications may produce an acceptable area within the unit. An erosion prevention and sediment control plan is required by the State for construction on sites over 20 percent slope.</i>
9	No	16	IIe	IIe	<i>This unit is moderately suited as a site for soil-based residential wastewater disposal systems, based on a review by the Natural Resources Conservation Service of criteria set forth in the Vermont 2007 Environmental Protection Rules. The rapid permeability in the substratum and slopes greater than 20 percent are the primary concerns. Backfilling absorption trenches and beds with at least one foot of finer textured material, or other site modifications, may be necessary to slow the percolation rate enough to allow for thorough filtering of effluent. Cut and fill site modifications may produce an acceptable area within the unit. An erosion prevention and sediment control plan is required by the State for construction on sites over 20 percent slope.</i>
10	No	17	IIf	IIf	<i>This unit is moderately suited as a site for soil-based residential wastewater disposal systems, based on a review by the Natural Resources Conservation Service of criteria set forth in the Vermont 2007 Environmental Protection Rules. Slopes greater than 20 percent are the primary concern. Cut and fill site modifications may produce an acceptable area within the unit. An erosion prevention and sediment control plan is required by the State for construction on sites over 20 percent slope.</i>
11	Yes	18	IIg	IIg	<i>This unit is moderately suited as a site for on-site waste disposal, based on a review by the Natural Resources Conservation Service of criteria set forth in the Vermont 2002 Environmental Protection Rules. Flooding from surface waters is the primary concern. Locating the septic system on the highest part of the floodplain and with the maximum setback from surface waters is recommended.</i>

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Domains

Domain Name: vt_septic_system_class_2007

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
12	No	19	IIh	IIh	<i>This unit is moderately suited as a site for soil-based residential wastewater disposal systems, based on a review by the Natural Resources Conservation Service of criteria set forth in the Vermont 2007 Environmental Protection Rules. The depth to the seasonal high water table is the primary concern. Mound system construction and other site modifications are often necessary. On sloping sites, curtain drains can help lower the water table to an acceptable level. In some cases, a detailed, site-specific analysis with groundwater level monitoring and determination of induced groundwater mounding may be required to establish the suitability of this unit.</i>
13	No	20	IIIa	IIIa	<i>This unit is marginally suited as a site for soil-based residential wastewater disposal systems, based on a review by the Natural Resources Conservation Service of criteria set forth in the Vermont 2007 Environmental Protection Rules. The depth to bedrock is the major limitation. On-site investigations are needed to locate areas with sufficient soil depth. A significant percentage of the soils in this unit are less than 18 inches to bedrock and are not suitable as a site. However, there may be deeper areas that are suitable. Additional fill material may be needed in some areas in order to meet the separation distance requirement between the bottom of the leachfield and bedrock.</i>
14	No	21	IIIb	IIIb	<i>This unit is marginally suited as a site for soil-based residential wastewater disposal systems, based on a review by the Natural Resources Conservation Service of criteria set forth in the Vermont 2007 Environmental Protection Rules. The hazard of flooding and the depth to the seasonal high water table are the major limitations. This unit is on floodplains and typically includes land in the floodway and the special flood hazard area. Consult flood hazard maps prepared by the Federal Emergency Management Agency (FEMA) in local town offices for more information. Wastewater systems must be located, designed and constructed in a manner that avoids impairment to the system and contamination from the system due to flooding. A detailed, site-specific analysis with groundwater level monitoring and determination of induced groundwater mounding may be required to establish the suitability of this unit. Mound system construction and other site modifications are often necessary.</i>
15	No	22	IIIc	IIIc	<i>This unit is marginally suited as a site for soil-based residential wastewater disposal systems, based on a review by the Natural Resources Conservation Service of criteria set forth in the Vermont 2007 Environmental Protection Rules. The depth to the seasonal high water table in association with the minimal slope is the major limitation. A detailed, site-specific analysis is generally required. On-site groundwater level monitoring and determination of induced groundwater mounding is often necessary to establish the suitability of this unit. Curtain drains may help lower the water table to an acceptable level, however, the minimal slope may prevent their use in many areas.</i>
16	No	23	IIId	IIId	<i>This unit is marginally suited as a site for soil-based residential wastewater disposal systems, based on a review by the Natural Resources Conservation Service of criteria set forth in the Vermont 2007 Environmental Protection Rules. The depth to the seasonal high water table is the major limitation. A detailed, site-specific analysis is generally required. On-site groundwater level monitoring and determination of induced groundwater mounding is often necessary to establish the suitability of this unit. Curtain drains may help lower the water table to an acceptable level.</i>

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Domains

Domain Name: vt_septic_system_class_2007

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
17	No	24	IIIe	IIIe	<i>This unit is marginally suited as a site for soil-based residential wastewater disposal systems, based on a review by the Natural Resources Conservation Service of criteria set forth in the Vermont 2007 Environmental Protection Rules. The depth to the seasonal high water table and slopes greater than 20 percent in some areas are the major limitations. A detailed, site-specific analysis is generally required. On-site groundwater level monitoring and determination of induced groundwater mounding is often necessary to establish the suitability of this unit. Curtain drains may help lower the water table to an acceptable level. There may be less-sloping areas within the unit that are suitable for siting a septic system, or, if feasible, cut and fill site modifications may produce an acceptable area within the unit. An erosion prevention and sediment control plan is required by the State for construction on sites over 20 percent slope.</i>
18	No	25	III f	III f	<i>This unit is marginally suited as a site for soil-based residential wastewater disposal systems, based on a review by the Natural Resources Conservation Service of criteria set forth in the Vermont 2007 Environmental Protection Rules. The depth to the seasonal high water table and the restricted depth to bedrock in some areas are the major limitations. On-site investigations can help avoid areas with limited depth to bedrock. Additional fill material may be needed in some areas in order to meet the separation distance requirement between the bottom of the leachfield and bedrock. A detailed, site-specific analysis with groundwater level monitoring and determination of induced groundwater mounding may be required to establish the suitability of this unit. Mound system construction and other site modifications are often necessary. On sloping sites, curtain drains can help lower the water table to an acceptable level.</i>
19	No	31	III g	III g	<i>This unit is marginally suited as a site for soil-based residential wastewater disposal systems, based on a review by the Natural Resources Conservation Service of criteria set forth in the Vermont 2007 Environmental Protection Rules. The hazard of flooding is the major limitation. This unit is on floodplains and typically includes land in the floodway and the special flood hazard area. Consult flood hazard maps prepared by the Federal Emergency Management Agency (FEMA) in local town offices for more information. Wastewater systems must be located, designed and constructed in a manner that avoids impairment to the system and contamination from the system due to flooding.</i>
20	No	26	IV a	IV a	<i>This unit is generally not suited as a site for soil-based residential wastewater disposal systems, based on a review by the Natural Resources Conservation Service of criteria set forth in the Vermont 2007 Environmental Protection Rules. Excessive soil wetness in association with the minimal slope is the limiting condition. Prolonged periods of saturation at or near the soil surface do not allow for the proper functioning of septic systems.</i>
21	No	27	IV b	IV b	<i>This unit is generally not suited as a site for soil-based residential wastewater disposal systems, based on a review by the Natural Resources Conservation Service of criteria set forth in the Vermont 2007 Environmental Protection Rules. Steep slopes in association with the depth to bedrock is the limiting condition. Cut and fill site modifications that reduce the slope gradient are difficult to achieve due to the depth to bedrock.</i>
22	No	28	IV c	IV c	<i>This unit is generally not suited as a site for soil-based residential wastewater disposal systems, based on a review by the Natural Resources Conservation Service of criteria set forth in the Vermont 2007 Environmental Protection Rules. The very shallow to shallow depth to bedrock is the limiting condition.</i>

NASIS 7.1.4

Domains

Domain Name: vt_septic_system_class_2007

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
23	No	29	IVd	IVd	<i>This unit is generally not suited as a site for soil-based residential wastewater disposal systems, based on a review by the Natural Resources Conservation Service of criteria set forth in the Vermont 2007 Environmental Protection Rules. Steep slopes in association with the slowly permeable substratum is the limiting condition. Cut and fill site modifications that reduce the slope gradient are not generally effective due to the slowly permeable substratum.</i>
24	No	30	V	V	<i>This unit is not rated as a site for soil-based residential wastewater disposal systems. Due to the variable nature of the soils, on-site investigations are needed to determine their suitability.</i>

Domain Name: weather_conditions

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	4	overcast	Overcast	
2	No	6	partly cloudy	Partly cloudy	
3	No	1	rain	Rain	
4	No	3	sleet	Sleet	
5	No	2	snow	Snow	
6	No	5	sunny	Sunny	

Domain Name: weathering

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	2	slight	Slightly	
2	No	1	moderate	Moderately	
3	No	3	strong	Strongly	

Domain Name: wildlife_rating

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	very poor	Very poor	
2	No	2	poor	Poor	
3	No	3	fair	Fair	
4	No	4	good	Good	

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Domains

Domain Name: wind_erodibility_group

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	1	1	Surface texture - Very fine sand, fine sand, sand or coarse sand. Percent aggregates - 1 to 7. Wind erodibility index - 160 to 310 t/a/yr, use 220 as average.
2	No	2	2	2	Surface texture - Loamy very fine sand, loamy fine sand, loamy sand, loamy coarse sand; very fine sandy loam and silt loam with 5 or less percent clay and 25 or less percent very fine sand; and sapric soil materials (as defined in Soil Taxonomy); except Folists. Percent aggregates - 10. Wind erodibility index - 134 t/a/yr.
3	No	3	3	3	Surface texture - Very fine sandy loam, fine sandy loam, sandy loam, coarse sandy loam, and noncalcareous silt loam that has 20 to 50 percent very fine sand and 5 to 12 percent clay. Percent aggregates - 25. Wind Erodibility Index - 86 t/a/yr.
4	No	4	4	4	Surface texture - Clay, silty clay, noncalcareous clay loam that has more than 35 percent clay, and noncalcareous silty clay loam that has more than 35 percent clay. All of these do not have sesquic, parasesquic, ferritic, ferruginous, or kaolinitic mineralogy (high iron oxide content). Percent aggregates - 25. Wind erodibility index - 86 t/a/yr.
5	No	5	4L	4L	Surface texture - Calcareous loam, calcareous silt loam, calcareous silty, calcareous sandy clay, calcareous sandy clay loam, calcareous clay loam and calcareous silty clay loam. Percent aggregates - 25. Wind Erodibility Index - 86 t/a/yr.
6	No	6	5	5	Surface texture - Noncalcareous loam that has less than 20 percent clay; noncalcareous silt loam with 12 to 20 percent clay; noncalcareous sandy clay loam; noncalcareous sandy clay; and hemic materials (as defined in Soil Taxonomy). Percent aggregates - 40. Wind Erodibility Index - 56 t/a/yr.
7	No	7	6	6	Surface texture - Noncalcareous loam and silt loam that have more than 20 percent clay; noncalcareous clay loam and noncalcareous silty clay loam that has less than 35 percent clay; silt loam that has parasesquic, ferritic, or kaolinitic mineralogy (high iron oxide content). Percent aggregates - 45. Wind Erodibility Index - 48 t/a/yr.
8	No	8	7	7	Surface texture - Noncalcareous silt; noncalcareous silty clay, noncalcareous silty clay loam, and noncalcareous clay that have sesquic, parasesquic, ferritic, ferruginous, or kaolinitic mineralogy (high content of iron oxide) and are Oxisols or Ultisols; and fibric material (as defined in Soil Taxonomy). Percent aggregates - 50. Wind Erodibility Index - 48 t/a/yr.
9	No	9	8	8	Soils not susceptible to wind erosion due to rock and pararock fragments at the surface and/or wetness; and Folists

Domain Name: wind_erodibility_index

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	0	0	Soils not susceptible to wind erosion due to coarse fragments on the surface or wetness.
2	No	2	38	38	Silt, noncalcareous silty clay loam that has less than 35 percent clay content, and fibric organic soil material. Dry soil aggregates more than .84 mm are more than 50 percent by weight.
3	No	3	48	48	Noncalcareous loam and silt loam that has more than 20 percent clay content or noncalcareous clay loam that has less than 35 percent clay content. Dry soil aggregates more than .84 mm are 45 to 50 percent by weight.

NASIS 7.1.4

Domains

Domain Name: wind_erosibility_index

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
4	No	4	56	56	<i>Noncalcareous loam and silt loam that has less than 20 percent clay content or sandy clay loam, sandy clay, and hemic organic soil materials. Dry soil aggregates more than .84 mm are 40 to 45 percent by weight.</i>
5	No	5	86	86	<i>Very fine sandy loam, fine sandy loam, sandy loam, coarse sandy loam, or ash material. Clay, silty clay, noncalcareous clay loam, or noncalcareous silty clay loam that has more than 35 percent clay content. Calcareous loam and silt loam or calcareous clay loam and silty clay loam. Dry soil aggregates more than .84 mm are 25 to 40 percent by weight.</i>
6	No	6	134	134	<i>Loamy very fine sand, loamy fine sand, loamy sand, loamy coarse sand, or sapric organic soil material. Dry soil aggregates more than .84 mm are 10 to 25 percent by weight.</i>
7	No	7	160	160	<i>Very fine sand, fine sand, sand, or coarse sand. Dry soil aggregates more than .84 mm are 7 to 10 percent by weight.</i>
8	No	8	180	180	<i>Very fine sand, fine sand, sand, or coarse sand. Dry soil aggregates more than .84 mm are 5 to 7 percent by weight.</i>
9	No	9	220	220	<i>Very fine sand, fine sand, sand, or coarse sand. Dry soil aggregates more than .84 mm area 3 to 5 percent by weight.</i>
10	No	10	250	250	<i>Very fine sand, fine sand, sand, or coarse sand. Dry soil aggregates more than .84 mm are 1 percent by weight.</i>
11	No	11	310	310	<i>Very fine sand, fine sand, sand, or coarse sand. Dry soil aggregates more than .84 mm are 1 percent by weight.</i>

Domain Name: windbreak_row_direction

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	none specified	None specified	
2	No	2	north	North	
3	No	3	northeast	Northeast	
4	No	4	east	East	
5	No	5	southeast	Southeast	
6	No	6	south	South	
7	No	7	southwest	Southwest	
8	No	8	west	West	
9	No	9	northwest	Northwest	

Domain Name: windbreak_suitability_group

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	1	1	

NASIS 7.1.4 Domains

Domain Name: windbreak_suitability_group

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
2	No	20	1h	1H	
3	No	2	1k	1K	
4	Yes	21	1kw	1KW	
5	No	22	1kk	1KK	
6	No	3	2	2	
7	No	4	2k	2K	
8	Yes	23	2kw	2KW	
9	No	24	2kk	2KK	
10	No	5	2h	2H	
11	No	6	3	3	
12	No	7	4	4	
13	No	25	4k	4K	
14	No	8	4c	4C	
15	No	26	4ck	4CK	
16	No	9	5	5	
17	No	27	5k	5K	
18	No	28	5kk	5KK	
19	No	10	6	6	
20	No	29	6k	6K	
21	No	30	6kk	6KK	
22	No	11	6d	6D	
23	No	31	6dk	6DK	
24	No	12	6g	6G	
25	No	32	6gk	6GK	
26	No	33	6gkk	6GKK	
27	No	13	7	7	
28	No	14	8	8	
29	No	34	8k	8K	
30	Yes	15	9	9	
31	No	16	9c	9C	
32	No	17	9w	9W	
33	No	18	9l	9L	
34	No	19	10	10	
35	No	35	1a	1A	
36	No	36	2a	2A	

NASIS 7.1.4 Domains

Domain Name: windbreak_suitability_group

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
37	No	37	1s	1S	
38	No	38	1sk	1SK	
39	No	39	1skk	1SKK	
40	No	40	3a	3A	
41	No	41	4a	4A	
42	No	42	4ca	4CA	
43	No	43	4cc	4CC	
44	No	44	5a	5A	
45	No	45	6a	6A	
46	No	46	6da	6DA	
47	No	47	6ga	6GA	
48	No	48	7a	7A	
49	No	49	9n	9N	
50	No	50	9nw	9NW	

Domain Name: woodland_rating

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	1	slight	Slight	
2	No	2	moderate	Moderate	
3	No	3	severe	Severe	

Domain Name: yes_no_n.a.

Seq	Obsolete?	Choice ID	Choice Data Entry Text	Choice Label	Choice Description
1	No	3	n/a	N/A	
2	No	2	no	No	
3	No	1	yes	Yes	